



# The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALE - MANUFACTURER

published 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

3275  
CXXXVIII

NOVEMBER 14, 1942

Annual Subscription (with  
Diary) 25/- Single Copies 9d.ARMED  
FORCESHOME  
FRONT

TRADE MARK BRAND

## 'Thiazamide'

### SULPHATHIAZOLE

In the past almost the entire output of 'Thiazamide' brand sulphathiazole and its sodium salt has been required by the Armed Forces. Thanks to increased production, however, relatively large quantities are again available for normal prescribing and dispensing purposes.

We are therefore pleased to announce that orders for 'Thiazamide' brand sulphathiazole and its sodium salt will receive our immediate attention.

Since the introduction by us of this product in 1940, clinical experiences have shown that this drug is a valuable chemotherapeutic agent in the treatment of bacterial infections particularly those due to *Staphylococcus aureus*, and that the drug is frequently well tolerated by patients who have difficulty in taking sulphapyridine.

OUR MEDICAL INFORMATION DEPARTMENT WILL BE  
GLAD TO SUPPLY YOU WITH FURTHER DETAILS

#### SUPPLIES:

Tablets of 0.50 gramme:  
Containers of 25 ... 6s. 6d.  
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" 500 ... 115s. 0d.

Powder:  
Bottles of 15 grammes 7s. 0d.  
'Thiazamide' sodium brand  
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Ampoules, each containing the  
equivalent of 1 gramme of sulphathiazole.

Boxes of 6 ampoules 10s. 0d.  
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less the usual discounts and  
exempt from purchase tax.

PHARMACEUTICAL SPECIALITIES (MAY & BAKER) LIMITED, DAGENHAM, ENGLAND

# Don't be Disappointed...

## "STOCKS NOW AVAILABLE"

### ERGOAPIOL

As import restrictions prevented us from receiving our usual supplies of this preparation, arrangements were made whereby the manufacture could be carried out in this country. Much time was necessary to arrange for such production, during which Ergoapiol has been off the market. Having regard to the unavoidable delay in delivery we hasten to ask those *customers who have orders outstanding to advise us at once if they still require their supplies* of Ergoapiol. As stocks are limited, we would suggest to those who have not ordered to do so right away.

### GLYCO THYMOLINE

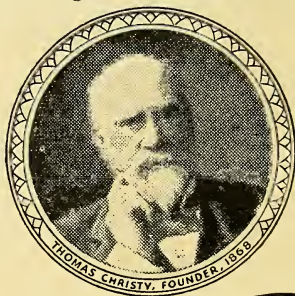
Production is proceeding favourably and our despatch department are hard at it getting your orders away. Letters received prove how much the regular users missed their Glyco Thymoline, and on this account we are using every endeavour to speed up deliveries.

### MUSTEROLE

The advertising supporting this popular commodity commences on November 15. From past experience we know how much the demand has increased as a result of our advertisements. This knowledge prompts us to remind you to look to your stocks. Take our word for it — this will be another Musterole winter.

### ANTI-BI-SAN

As a matter of interest we would like to draw your attention to the fact that orders for Anti-Bi-San are now being placed by large industrial concerns and public service organisations for issue to their employees or staffs. May we also remind you that there is a children's size of Anti-Bi-San for treatment up to 10 years of age.



# Thos. Christy & Co. Ltd.

OLD SWAN HOUSE, CASTLE STREET,  
FARNHAM, SURREY

# “SANDOZ”

## PRODUCTS

### **BASERGIN**

Tablets Solution  
Ampoules

### **BELLADENAL**

Tablets

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Ampoules

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Powder Ampoules

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Ampoules Suppositories

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Tablets Solution  
Ampoules

### **STROPHOSID**

Ampoules

Trade Price List available on application



*All Technical Enquiries should be addressed to:*

**J. FLINT, SANDOZ PRODUCTS**

134 Wigmore Street, London, W.1

*Wholesale Distributors:*

**BROOKS & Warburton, Ltd.**

232-240 Vauxhall Bridge Road, London, S.W.1





**RETAIL  
PRICE**

**1/5**

**PER PACKET**

(including Purchase Tax)

**Purchase Tax 1/10½**  
per dozen

**BEST DIRECT TERMS**  
through  
**SCOTT & BOWNE LTD.**  
only

Minimum quantity  
2 dozen lots

**SMALLS**  
through your usual Wholesaler

*The  
Manufacturer  
of*

**Complaxa**  
THE *Complete* LAXATIVE  
(CLINICAL PRODUCTS LTD)

*have appointed*  
**SCOTT & BOWNE LTD.**  
*sole distributors  
for this product*

As from October 1st, Messrs. Scott & Bowne Ltd. have been appointed Sole Distributors for Complaxa—the **Complete** Laxative. Extensive National advertising for Complaxa begins in November, and will appear regularly throughout the year

**Complaxa**  
THE *Complete* LAXATIVE  
REGD TRADE MARK

**\* Eat as a Sweet \***

**SCOTT & BOWNE LTD**

*Sole Distributors*

**WEXHAM SPRINGS, STOKE POGES, SLOUGH, BUCKINGHAMSHIRE**



**Mag. Carb. Pond.**



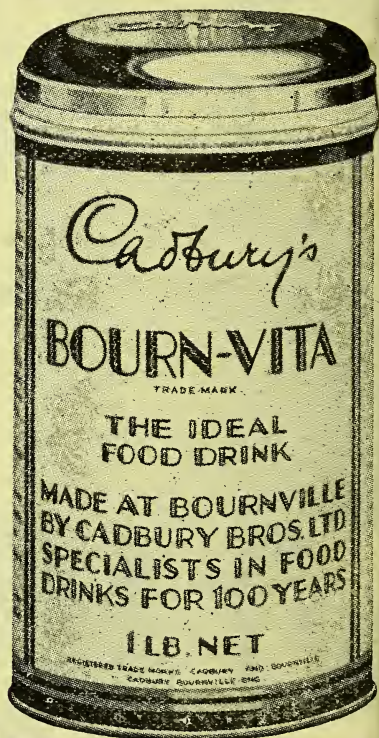
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**EVANS**

EVANS SONS LESCHER AND WEBB LTD.



# *NEEDS NO SUGAR*

**SOOTHES NERVES AND  
PROMOTES  
DEEP  
REFRESHING  
SLEEP**



*Cadbury's*  
**BOURN-VITA**

So many  
to-day rely  
on

**Cephos**  
THE  
PHYSICIANS'  
REMEDY

To save material Cephos Powders  
are no longer packed in 1/3 cartons  
but are supplied loose from the  
larger pack.

8 Powders or 16 Tablets, 1/3  
21 " 42 3/-  
"Single Dose, 2d.

CEPHOS LTD., BLACKBURN

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## BURNS AND GAS CASUALTIES

(A treatment with new advantages)

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- (1) *Easy and Painless Application.*
- (2) *The paste is soothing and promotes healing.*
- (3) *It reduces pain and oedema.*
- (4) *Infection is kept well under control.*
- (5) *Free movement is not restricted.*
- (6) *A clean and healthy granulating sur-*

*face is obtained, suitable for the reception of skin grafts if required.*

### 2. MUSTARD GAS — Lesions of the Eye.

The use of a 2.5% 'Albucid' Solution and 'Albucid' Ointment 2.5% has been recommended. The 2.5% solution may be prepared from 5 c.c. ampoules of 30% solution (boxes of 5 ampoules).

Supplies of 'Albucid' are assured, as like the other Schering products it is now manufactured and distributed in this country by an entirely British Organisation.

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'Albucid' is the registered name which distinguishes Sulphacetamide of British Schering manufacture  
LITERATURE GLADLY SENT ON REQUEST

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British Schering Manufacturing Laboratories Ltd., Pendleton, Lancs.



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## REVISED PRICES FOR URILLAC TABLETS

### WHOLESALE PRICES

**75s. 22s.** per dozen

**150s. 44s.** " "

plus Purchase Tax

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**3/4** including Tax

**5/7** " "

The manufacturing, packaging, and distributing of Urillac preparations are now in the hands of W. B. CARTWRIGHT, LTD., RAWDON, LEEDS, to whom all enquiries should be addressed.



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"On duty" at home, at all times there is always a Rendells Product of intimate importance to every woman. In Nurse Drew's free booklet, "Hygiene for Women," will be found helpful solutions to many feminine problems and full information about Rendells Products.

For over 50 years the name Rendell has symbolised a standard of excellence well recognised and approved by the Medical Profession. Ask your chemist for a free copy of the booklet.

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FOR FEMININE

APPROVED  
BY DOCTORS

## ADVERTISING WHICH NEVER STOPS

Rendells Products rank among Britain's greatest proprietary lines. War-time restrictions alone limit the upward trend of their sales.

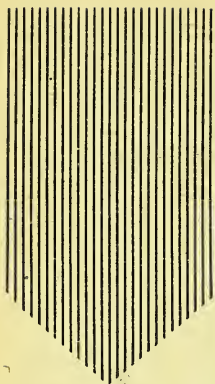
Consistent, dignified advertising at all times has achieved this proud result. Ample window and counter display material is still available for all Pharmacists.

# Rendells

## PRODUCTS

### FOR FEMININE HYGIENE





ACCURACY,  
UNIFORMITY,  
and  
DEPENDABILITY

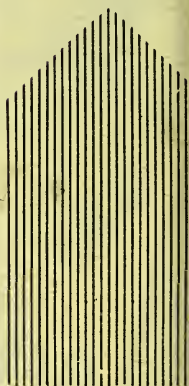
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manufacture of

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ESTABLISHED  
1839

**ARTHUR H. COX & CO LTD**  
Manufacturing Chemists  
BRIGHTON

Over a century  
of RESEARCH  
and  
EXPERIENCE



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**THE RAZOR BLADE  
FOR BIGGER SALES  
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BLADES

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"Makes the hair behave"

Prepare your own supplies of this high grade cream, easy to make up, costs less than 2d. per oz. All materials available, also Bottles, Screw Caps, Corks and smart Gold Seal labels. Send stamp for List.

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regulations 6d. must be sent be-  
fore we can forward sample range



# MACLEAN

## BRAND

# Stomach Powder

### THE FAMILY SIZE PACK

# 5/7<sup>1</sup>/<sub>2</sub>d.

## IS BACK AGAIN

### INCLUDE IN YOUR NEXT DIRECT ORDER

We are now able to re-introduce the 5/7<sup>1</sup>/<sub>2</sub>d. pack of MACLEAN BRAND Stomach Powder—by far the most economical method of purchase for your regular customers.

Include this size in your next direct order (minimum quantity  $\frac{1}{2}$  dozen). Wholesalers have small supplies now.

**TWO SIZES ONLY DURING THE WAR—2/3d. and 5/7<sup>1</sup>/<sub>2</sub>d.**

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*No Shortage of Supplies!*

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BRING NEW CUSTOMERS  
TO YOUR PHARMACY**

**RETAILS AT  
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PER TUBE  
OF 12 TABLETS**



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*An addition to Ingram's Original "AGRIPPA" SERIES*



No. 1  
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shape

THE  
**'SPIRAL'**

## GREEN BAND TEAT WITH A ROLLED END

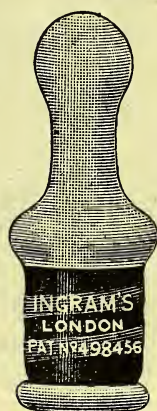
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Fits on practically all feeding bottles.

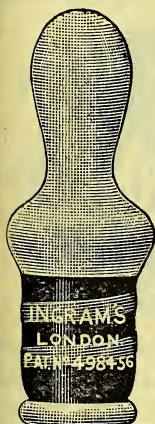
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## FEEDING BOTTLE

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COMPLETE WITH  
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PRICE **7/** PER DOZ.

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Standard Packages of 3 doz.  
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The position of the Mercury column is at once perfectly plain. Red markings above 00.4

## ALL TYPES OF CLINICAL AND OTHER THERMOMETERS

## PERKEN, SON & CO. LTD.

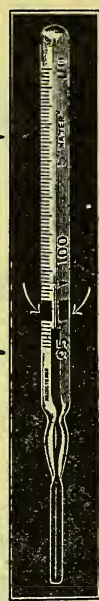
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## Q. P. HAND & POWER EMULSIFIERS

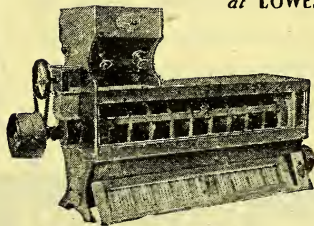
We regret that we have been compelled to suspend the manufacture of our well-known Q.P. Emulsifiers for the rapid production of stable emulsions, creams, lotions and the like. For the time being we are busy with work of greater importance, but we will resume deliveries both of the hand and power models as soon as possible.

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SHAWCLOUGH · ROCHDALE

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**GARDNER'S**  
Patent "QUICK-CHANGE"  
fine  
**POWDER DRESSER**





*We can  
still supply..*

We can still supply bottles for medicines and for the packing of pharmaceutical products, and other essential bottles, which formed so great a proportion of our business before the war.

Many of our activities are concerned with furnishing the needs of government contracting departments, and we are also endeavouring to fulfil export orders to help to import the essential commodities from abroad, so aiding the war effort.

If, therefore, we are compelled to accept less business than is offered to us, customers will realise that this is in accordance with the policy directed to the best possible furtherance of the national effort.

**Beatson, Clark & Co. Ltd.**

MANUFACTURERS OF

*Chemical & Medical Glass*

**ROTHERHAM YORKSHIRE**  
ESTABLISHED 1751

® BC.38



**GUARANTEED FOR  
THREE YEARS IN  
ANY CLIMATE**

**"GRIP-TIGHT FEEDTEATS"**  
can be boiled repeatedly  
without deterioration.

Packed in separate transparent envelopes  
in attractive display boxes or on cards.

Owing to rubber shortage only limited  
supplies are available.

**Awarded the Certificate of the Royal  
Institute of Public Health and  
Hygiene.**

**LEWIS WOOLF**  
LTD.

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SELLY OAK  
BIRMINGHAM 29**



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Sir, "I have had much difficulty in getting the Curicones in this district."

BLACKPOOL.

Sir, "Having recently been recommended to try your Curicones for Rheumatism, I am unable to find any chemist in the town stocking same."

WITTINGTON, MANCHESTER.

Sir, Unfortunately the one she got seems to be the last one obtainable in Wittington."

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you find that your supplier is unable to supply your CURICONES order, write to us giving the name of your wholesaler, and we will do everything we can to get stocks to you without further delay.

Supplies, of course, will still be charged through your usual wholesaler.

Please note that the new prices of CURICONES, including Tax, are: Small size 5s., Large size 24s.

CURICONES is a P.A.T.A. line, showing 10% profit.

There are at present enough

**CURICONES**

give EVERYONE a fair share

ORDER THROUGH YOUR USUAL WHOLESALER

John Matthews & Co. Ltd., 1/21 Farringdon St., London, E.C.4

## TWO IMPORTANT NOTICES 'ASPRO' PACKING CHANGES

### ① 5's & 10's CARTONS TO BE DISCONTINUED

To comply with the present national requirements of paper economy and the new limitation to two packings the use of cartons for 'ASPRO' 5's and 10's will be discontinued from the beginning of November. An attractive display box containing six dozen loose tapes of five tablets each will replace the cartons. Prices are unaltered.

The tapes will retail at

One tape, 5 tablets, 3½d.

Two tapes, 10 tablets, 6½d.

NOTE—The display box contains 6 dozen tapes as we are no longer able to offer a 3 dozen showbox.

**NO CHANGE IN BONUS  
NO CHANGE IN RETAILER'S PROFIT**

### ② 'ASPRO' NOW AVAILABLE in alternative Wrappings "SEALTITE" or "SANITAPE"

In addition to the world famous "Sanitape" 'ASPRO' will from now onwards be available in the wonderful new "Sealtite," hermetically sealed, moisture-proof, transparent cellulose wrapping. ONLY 'ASPRO' IS OBTAINABLE IN "SEALTITE" which is the latest development in hygienic wrapping for a medicinal product.

'ASPRO' Stocks now being issued from our factory may be wrapped in "SEALTITE" or "SANITAPE" or both.

War-time exigencies in our factory necessitate our using "Sealtite" and "Sanitape" at one and the same time. The 5's and 10's display boxes you are now receiving may therefore contain 'ASPRO' wrapped in either or both of these modern hygienic wrappings.

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## *News in Brief*

### **NEW PRICE LIST**

A new Price List has been published a few weeks ago and we hope retail chemists have obtained a copy. Since the issue of the previous list many changes have taken place. New products have been introduced and several lines have been withdrawn through lack of raw materials. The Price List indicates in a separate column the amount of Purchase Tax payable.

### **REDUCED 'BENERVA' VITAMIN B<sub>1</sub> PRICES**

Improvements in the production of aneurin in our works have made it possible to announce substantial reductions in the prices of vitamin B<sub>1</sub> on two occasions since the outbreak of war. From October 1st 'Benerva' tablets and ampoules are offered at the new reduced prices. Full details are given in the price list.

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Prices for 'Redoxon' tablets remain as fixed in May 1941, but the ampoules are cheaper. The demand for the 25 mg. (500 Int. Units) tablets is increasing rapidly and chemists are advised to keep a stock of this strength in bottles of 50 at 2/3 and 250 at 9/- retail.

### **NO REDUNDANT PREPARATIONS**

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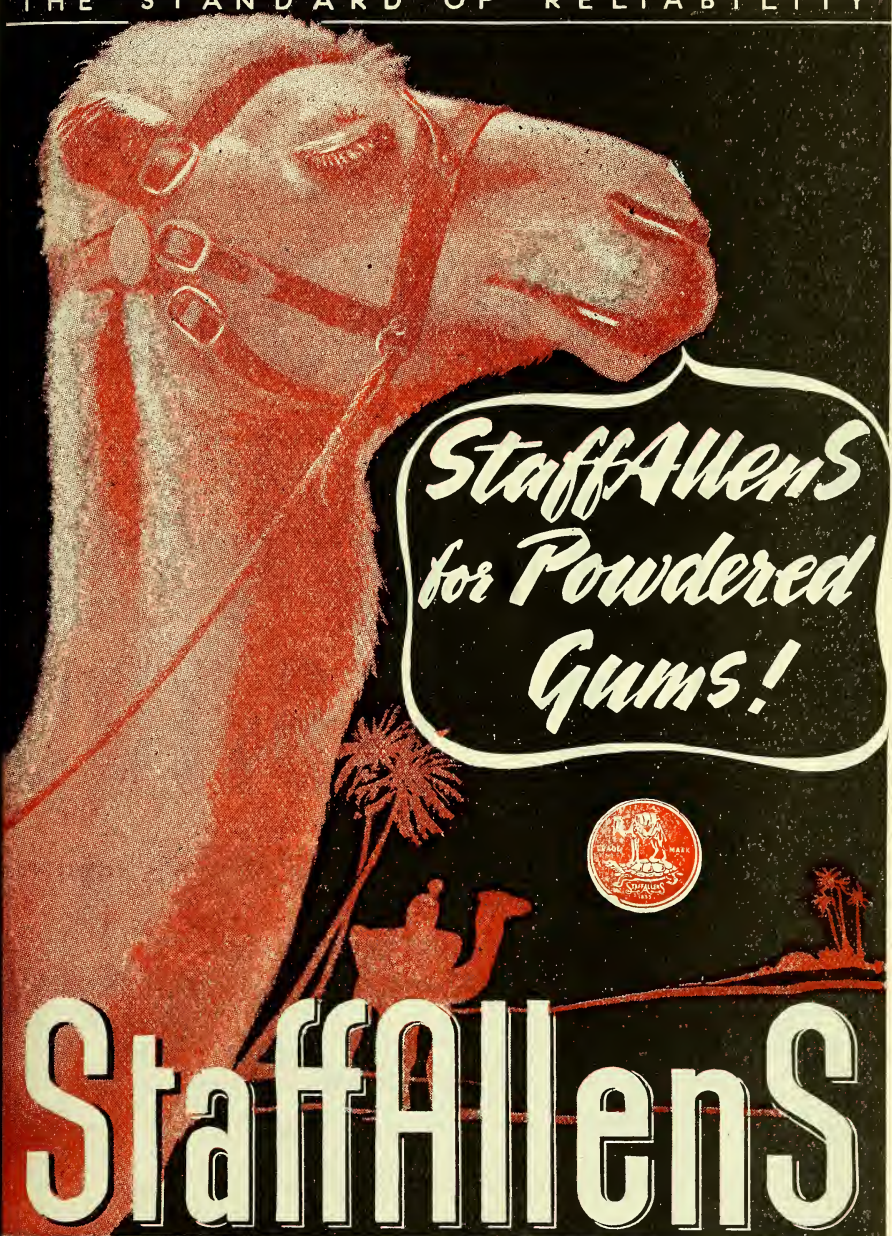
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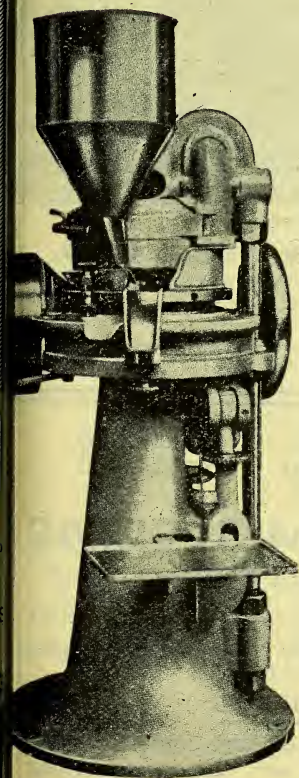
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## NEWS OF THE WEEK

**Revised Drug Industry Wage Rates.**—The Drug and Fine Chemical Manufacturers' Association has, by agreement with the National Union of Distributive and Allied Workers; the National Union of General and Municipal Workers; the National Amalgamated Union of Shop Assistants, Warehousemen and Clerks; and the Transport and General Workers' Union, revised its minimum wage rates. The new rates for a 48-hour week are: Men, aged twenty-one and over, classes 1, 2 and 3: 80s., 75s., and 70s.; Women, aged twenty-one and over, classes 1 and 2: 51s. 6d. and 45s. 6d.; Juniors, male: 19s. at fourteen years of age, to 51s. at twenty; Juniors, female: 19s. at fourteen years of age, to 37s. at twenty. The revised rates came into force during the week commenced October 25.

**Further Export Licensing Extension.**—Under the Export of Goods (Control) No. 41) Order, 1942 (S. R. & O., 1942, No. 2185), which comes into force on

November 16, control is extended to cover, among other classes of goods, the following chemicals: Bismuth compounds and preparations thereof; nicotinamide; sulphadiazine and its preparations; sulphamethazine and its preparations. The existing licensing requirements with respect to (a) spectacles (including sun-glasses) with frames, sides or rims wholly or partly of plastic material; and parts thereof wholly or partly of plastic material; (b) transparent cellulose wrappings and articles made therefrom; (c) tin oxides, whether hydrated or not; and (d) zinc oxide, including leaded zinc oxide and zinc sulphide (luminous), are superseded by the provisions that licences will, in future, be required to export the following: Spectacles (including sun-glasses), and parts thereof wholly or partly of metal or of plastic material; transparent cellulose wrappings and articles containing 50 per cent. or more by weight of these materials; tin compounds; zinc compounds.

**All Traffic to be Carriage Paid.**—From January 1, 1943, all goods traffic sent by rail, except livestock, fruit and vegetables, will be required to be sent carriage paid. This means that the consignor will be responsible for paying the carriage charges at the forwarding station, but does not necessarily involve prepayment.

**British Standards Institution.**—At the annual meeting of the Institution held recently, Sir Percy Ashley, K.B.E., C.B., agreed to remain as chairman of the general council. Dr. E. F. Armstrong, F.R.S., formerly chairman of the chemical divisional council, was co-opted a permanent member of the general council. The chairman reported the recognition by H.M. Government of the Institution as the body for the issue of national standards "with the exception of those issued by the Medical Research Council in the British Pharmacopœia and Codex."

**Lymph Standards Temporarily Relaxed.**—The Minister of Health has issued a Therapeutic Substances (Temporary Provisions) Order, 1942 (S. R. & O., 1942, No. 2220), the effect of which is to permit vaccine lymph to be issued when the total number of living bacteria and other visible micro-organisms present has been reduced to not more than twenty in 1 mgm. or 20,000 in 1 c.c. of the vaccine lymph, if (a) tests carried out in a manner satisfactory to the licensing authority on a sample of not less than 0.1 per cent. of the batch have failed to reveal the presence of *Cl. tetani*; and (b) tests carried out after the process of purification has been completed on a sample of not less than 5 mgm. or 0.005 c.c. have failed to reveal the presence of beta hæmolytic streptococci. The Order came into force on October 31.

**President at West Ham.**—A meeting of the West Ham and Eastern District Association of Pharmacists was held on October 22, Mr. T. W. Forster presiding. The speaker was the president of the Pharmaceutical Society (Mr. W. S. Howells), who took as his subject "War-time Difficulties in Pharmacy." He dealt at length with man-power in pharmacy, stating that some 10,000 cases had been dealt with by the Central War Committee; also with the position when men returned to pharmacy at the conclusion of hostilities. A vote of thanks was proposed by Mr. M. Blumenthal, seconded by Mr. F. R. Maxey, and supported by Mr. S. C. Jones. A collection for the Society's Benevolent Fund realised 27s. 6d.

**Eire Benevolent Fund Dance.**—The annual dance in aid of the Benevolent Fund of the Pharmaceutical Society of Ireland is being held at the Gresham Hotel, Dublin, on Tuesday, December 8. The committee is already at work to make the function the outstanding social event of the season in Irish pharmacy. Under a hotel regulation bookings cannot exceed 500, and early booking of tables (tickets 10s. 6d.) is therefore advised. Any unable to attend can assist the fund by donating a subscription towards the dance expenses.

**Irish Drug Association.**—The committee of the Irish Drug Association has made representations to the Eire Department of Supplies to get medicated soaps exempted from the rationed classes of soaps. Members have been reminded to use extra care at discretion when charging a sixpence dispensing fee on prescriptions for proprietary articles. The committee has intimated that the Department of Supplies has reduced the number of coupons required for ladies' overalls or white coats from 17 to 6. There is no change affecting men's overalls.

**Scottish Committee Approved as Employment Agency.**—The Scottish Central Pharmaceutical War Committee has been approved by the Ministry of Labour and National Service as an agency for the purposes of the Employment of Women (Control of Engagement) Orders (see C. & D., October 3, p. 344). Women subject to the Orders and within the classes described who seek new employment should apply for Form C.P.W.C.6 to the Committee at 36 York Place, Edinburgh. Employers seeking to engage such women should notify the Central Committee, giving in full the usual particulars of the vacancy.

**Contributions to Russia Aid Fund.**—A gift of drugs to the value of £1,015 has been made to Mrs. Churchill's Aid-to-Russia Fund by Lord Trent on behalf of Boots Pure Drug Co., Ltd. The materials presented include 700,000 aspirin tablets; 350,000 saccharin tablets; 165,000 sulphaniamide tablets, gr. 7½; 18,000 sulphathiazole tablets; 700 10-gall. drums of chloroform; 116 lb. pot. iodid. granular; 120 lb. iodoform powder; 6 lb. morphia sulph.; 200 lb. sulphanilamide powder; 570 lb. pot. brom.; and 100 lb. iodine, B.P. Also as a gift to the Fund, the employees of George Gill & Sons (Sheffield), Ltd., are in their own time replacing 500 Spencer Welch forceps valued at £100 that were lost by enemy action.



**Royal Society Medallists.**—The two Royal medals awarded annually by the Royal Society have been granted for the current year to Professor W. N. Haworth, F.R.S., for fundamental contributions to organic chemistry, particularly on the constitution of sugars and structure of complex polycarbohydrates; and to Dr. W. W. C. Topley, F.R.S., for outstanding work on experimental epidemiology and immunology. Other awards of medals have been made as follows: Copley medal to Sir Robert Robinson, F.R.S., for research work which has influenced the whole field of organic chemistry; Rumford medal to Dr. G. M. B. Dobson, F.R.S., for work on the physics of the upper air and its application to meteorology; Davy medal to Professor N. Hinshelwood, F.R.S., for distinguished work on the mechanism of chemical reactions; and Buchanan medal to Sir Wilson Jameson for distinguished administrative service to hygienic science and practice.

**Chemists' Friends Association.**—A meeting of the council of the Chemists' Friends Association was held in London on October 10, the president (Mr. J. Hearle) in the chair. The meeting received a report by the Standards Committee and considered four applications from manufacturers for the inclusion of their names in the C.F. list. One was accepted and three were referred back for further information. An application by W. Simpson (Chemist), Ltd., for the addition of Simpson iodised liniment to the schedule of an existing F.C. agreement was accepted. Gale, Baiss & Co., Ltd., reported certain changes in retail prices and trade terms in respect of three C.F. products; these were approved. One application to become approved wholesale distributors was refused. A letter was received from H. & T. Kirby & Co., Ltd., expressing their desire to become subscribing members of the association, and suggesting the retention of their original deposit as a contribution towards C.F. expenses. The Council expressed appreciation of Messrs. Kirby's generosity, and instructed the secretary to send a letter of thanks. Fourteen applications for maintenance of supplies of C.F. products to businesses temporarily converted to drug stores were approved.

**Final Notice.**—Thousands of tons of paper are wasted annually in the form of "Final Notices." To avoid this wastage the reader suggests that income tax, local rates, water rates and electricity and gas bills should be paid first demand!

## SOFT DRINKS

THE Ministry of Food announces that an Order is shortly to be made requiring all manufacturers and packers of soft drinks to be licensed, irrespective of the size of their output. Manufacturers and packers who do not hold licences are already required to make a return to the Ministry of Food, Central Licensing Panel, St. Tudno, Colwyn Bay, and this return is regarded as an application for licence. Firms which have made no such return should do so at once. Licences already issued are not affected by the new (amending) Order, except that in certain instances the schedules to the licences require amendment to include types of soft drink of which the licence-holder manufactures or packs only small quantities. The Fruit and Vegetable Products Division, St. John's College, Oxford, has a record of these cases and the necessary amendments will be sent within the next four weeks to the firms concerned, which are asked not to make application to the Division during that period.

### Allocations of Sugar

For the eight-weeks period commencing December 13, and for subsequent rationing periods until further notice, allocations of sugar to manufacturers of soft drinks, including mineral waters, squashes and cordials, and soft drinks in powder form, will be reduced by one-half. Where they have been on a 40 per cent. basis of basic usage they will now be calculated at 20 per cent., and so on. Arrangements have been made with the British Saccharin Sales Co. for saccharin to be issued to replace the sugar withdrawn. Any manufacturer of soft drinks who wishes to take advantage of the new arrangements should send his complete sugar permit for the above-mentioned period, as soon as it is received, to the appropriate regional secretary of the Soft Drinks (War-time) Association, who will return it with a certificate authorising the manufacturer to obtain from his supplier a quantity of saccharin equivalent in sweetening strength to his reduced sugar allocation. This certificate must then be sent by the manufacturer to his supplier of saccharin or liquid sweetener, with an order for the full quantity required, showing separately the additional saccharin now authorised. The extra saccharin is intended solely for manufacturers whose sugar allocation has been reduced. Priority sugar permits on Forms P.S.P. 2 (A) will continue to be issued.

# TOPICAL REFLECTIONS

## Public Health Plans

The importance of keeping an unbiased mind in questions of public health is wisely emphasised in your editorial article on p. 475. We are not concerned with the source whence proposals and forecasts come: what we need to do is to examine them impartially. The health policy of any government should, like its foreign policy, be above party considerations, and should preserve a just measure of continuity. We are not likely to study with equal seriousness all the schemes submitted to us; for some are manifestly overloaded, and evince an imperfect grasp of the distinction between the transitory and the permanent. An example of this type of distinction is to be found in the opening chapter of Lecky's "History of European Morals" (1869), where he propounds the question whether excursions by train to the seaside promote drunkenness and immorality. It is desirable to add that a suspicion of the force of the distinction seems to have crossed that historian's mind. Framers of public health schemes may be assured, however, that pharmacists are quite capable of analysing proposals and, as Miss Roberts has suggested at Manchester (p. 480), of pressing for the adequate recognition of pharmacy. One other comment is relevant. We must be clear that Government supervision, and even Government assistance, in the administration of public health should not involve Government control. Public health is primarily a matter for experts, and pharmacists are right to claim the services of their own experts.

## A Topical Address

The address of the registrar of the Pharmaceutical Society at Bradford (p. 472) gives a useful summary of present difficulties in retail business. "Vertical development" is not an entirely happy term to apply to business, for it is somewhat difficult to grasp; I take it to be a brief way of saying that large concerns aim at exercising the three functions of manufacture, wholesale distribution and retail sale. As reported, Mr. Linstead attributes to this tendency, coupled with war conditions, the trouble of the small man who is "being elbowed from the main places of business." I do not suppose, however, that this statement was made in this unqualified form. Actually the trouble is much older: many of your readers with experience of provincial phar-

macy can no doubt name cities and towns where, for several years past, rising rents have forced small retailers out of main streets and have compelled them to open elsewhere. The registrar's forecast, in answer to a question, that "a further third of the retail businesses would have to be closed down" seems to indicate that efforts to preserve a sufficient dispensing service for the community have failed. There should be no necessity, after all that has been said and written on this subject, to reiterate that quite as much closing of pharmacies has already taken place as is consistent with safety. The conception that the Statutory Committee, a body with punitive power, has opportunities for elevating the ethical and professional tone of pharmacy does not appeal to me. The prominence of "thou shalt not" is generally a symptom of a backward or primitive group of people. If pharmaceutical ethics is found to be in too rudimentary a stage of growth, courses of instruction in it might be opened.

## Factory Conditions

The annual report of the Chief Inspector of Factories (p. 482) contains, as usual, much that is of general interest. The considerable increase in accidents in 1941 (fatal, 20 per cent.; non-fatal, 17 per cent.) is to a great extent to be accounted for by the influx of inexperienced workers into factories and it would almost seem as if some people are, as we have been told, "prone" to mishaps. Contrary to what might have been expected, males showed a much higher accident rate than females. The important subject of welfare receives due prominence in the report. I confess to a certain sympathy with the "conservatism" deprecated by the Chief Inspector, for I fear that some of the changes suggested, and perhaps insisted upon, by officials are more valuable as academic studies than as practical contributions to efficient working. After all, a factory is a place to which men and women go daily for the purpose of carrying out prescribed tasks: experienced directors and managers, when confronted with some of the ideas emanating from what may be called laboratories of social study, may well ask, "Where does the work come in?" While such things as lighting, ventilation and the usual amenities of business hours should be of the best, reformers of existing conditions need to be sure that they have the proper angle of approach.

**Xrayser**



## LEGAL REPORTS

**Fruit-preserving Tablets.**—At Lambeth, London, Police Court, recently, Willows, Francis, Butler & Thompson, Ltd., Shackelwell Lane, were summoned in respect of a label on fruit-preserving tablets. It was stated that the label was misleading as to the nature, substance and quality of the drug. There was a further charge of selling tablets which did not bear on the label the declaration required by the public health regulations. The company pleaded guilty, and said the offence arose out of a mistake by a foreman, who over-baked the tablets, thus causing over-evaporation of the drug. It was stated by the prosecution that the amount of sulphur dioxide in each tablet should have been 4 grains, but as a matter of fact the amount was about 30 per cent. below that figure. The summonses were dismissed on payment of £14 14s. costs.

**Saccharin Tablets.**—At Barnsley, on October 29, James Duckworth, Ltd., Rochdale, were fined £10 for selling at Stairfoot saccharin tablets which were not of the strength demanded by the purchaser. The deputy town clerk, who prosecuted, said that in several towns saccharin tablets had been found to be anything but full-strength. The person who had cornered the saccharin could not be traced. For the company it was stated that the saccharin had been bought on warranty.—At Sedgley, Dudley, recently, Mrs. Ballinger M. A. Edwards, trading as Signior T. Somerfield, was fined £5 in each of two cases of selling full-strength saccharin tablets above maximum fixed prices; and 20s. in each of two cases of selling saccharin tablets other than in packets containing fifty or 100 tablets and bearing a label stating the number of tablets in the packet and the saccharin content of each tablet. Violet Somerfield, daughter of Mrs. Edwards, was ordered to pay 4s. costs on each of four charges of aiding and abetting in the cases against her mother. For the prosecution, it was said that Miss Somerfield sold one customer seven tablets for 3d. and another customer ten for 3d. In both sales the saccharin tablets were wrapped in pieces of paper, not sold in packets.

**Alleged False Warranty.**—At Portsmouth, on November 6, Thames Chemicals, Ltd., 7 Kings Road, Richmond, Surrey, were summoned for giving a false warranty in respect of tincture of iodine which, it was alleged, was 34 per cent. deficient in iodine and 56.6 per cent. deficient in potassium

iodide. Mr. V. Blanchard, the deputy town clerk, who prosecuted, stated that in August last sampling officers of the Corporation bought twelve bottles of clinic iodine from Marks & Spencers, Ltd., London Road, Portsmouth. The latter stated that they obtained the goods, with a warranty, from Frank Mason & Co., wholesale distributors, who, in turn, stated that they obtained the iodine, with a similar warranty as to its composition, from the defendants. In a letter to the town clerk, defendants stated that they bought the tincture from a well-known firm of manufacturing chemists, and were responsible for bottling it. The warranty which they had was given to them with the bulk article, but they pleaded guilty to the offence because of the difficulty of bringing counsel and witnesses to Portsmouth. Mr. R. P. Page, the city analyst, said the only explanation he could give was that the faulty composition of the iodine was due to faulty manufacture, but in view of the reputation of the manufacturing firm he did not think that was likely. He would say it was possible that something had happened to the iodine from the time it was supplied to the defendants and the time it was bottled by them. The Bench imposed a penalty of £20.

## ZANZIBAR CLOVES

THE report of the Zanzibar Clove Growers' Association for the quarter ended June 30 shows that supplies and exports were:—

	Supplies (in lb.)	Exports (in lb.)
Zanzibar	386,864	To all
Pemba	2,155,280	destinations 8,404,801

Of the total supplies 2,265,654 lb. passed through the Zanzibar market, 103,196 lb. passed through the Association's dépôt, and 173,294 lb. was offered to and purchased by the Association. Export destinations and quantities were:—

Destinations	Bales	lb.
America, North and South	33,821	4,735,280
Bombay and Indian ports	20,290	2,841,200
United Kingdom and Continent	2,432	340,480
All other destinations	3,485	487,841

**Stems.**—Supplies of clove stems during the quarter were 626,431 lb. and during the seasonal year 8,891,039 lb., representing about 21 per cent. of the bud harvest. The figures correspond closely with those of last season.

## TRADE NOTES

**Carnegie Chemicals (Welwyn), Ltd.**, in association with Carnegie Quinine Works, Ltd., inform us that their registered offices and works are at Lewin Road, Welwyn Garden City, and the managing director is Mr. Donald Carnegie.

**Reduced Vitamin Prices.**—Reduced prices for Benerva vitamin B<sub>1</sub> tablets and ampoules and for Redoxon vitamin C ampoules are announced by Roche Products, Ltd., Welwyn Garden City, whose new price list is now available.

**Stable Chemical Prices.**—The present price of phenacetin, not far removed from that of pre-war levels, is cited by Monsanto Chemicals, Ltd., Ruabon, Wrexham, as an example of the importance of a sound British fine chemicals industry in peace and war.

**"Fruit" Syrup for Children.**—Under the title Ferute a children's cough syrup containing rose and blackcurrant fruit essences with expectorants has been introduced by Hough, Hoseason & Co., Ltd., Holland Street, Pendleton, Manchester. The preparation is available in bottles of two sizes.

**Forceful Advertising.**—Meggeson & Co., Ltd., Llewellyn Street, London, S.E.16, illustrate on another page some of the forceful Meggezzone advertisements now appearing in the winter advertising campaign for this popular C.F. line. Supplies are reasonably adequate and orders sent in at once will receive immediate attention.

**Rusks in New 2-point Pack.**—By slightly reducing the weight of contents, A. Wander, Ltd., 184 Queen's Gate, London, S.W.7, have brought the medium-size packet of Ovaltine rusks within the two-points category. The new medium-size packet sells at 1s. 3d. and replaces the 1s. 6d. size packet, which required three points.

**Premises Requisitioned by Authorities.**—M. J. Fecher, Ltd., Trading Estate, Slough, invite particulars of vacant premises, approximately 4,000 sq. ft. in area, preferably situate between Paddington and Maidenhead. Their present premises are required by the authorities. The company would be willing to share accommodation with another concern.

**Bonsanté Blackcurrant Syrup.**—The makers, W. J. Bush & Co., Ltd., Ash Grove, London, E.8, notify that this product is being distributed through the following houses: Duncan, Flockhart & Co.; Ayrton, Saunders & Co., Ltd.; Southall Bros. &

Barclay (1935), Ltd.; Hall, Forster & Co. Ltd.; James Woolley, Sons & Co., Ltd. John Wyeth & Bro., Ltd.; and Sangers Ltd. Messrs. Bush's advertisement will be published in a later issue.

**Cream Replaces Jelly.**—Owing to war time restrictions on the use of glycerin Glaxo Laboratories, Greenford, Middlesex have introduced Mersagel cream to replace Mersagel jelly. The new product is stated to be as clean and convenient as the one it replaces, and prices are unchanged. Another alternative product introduced by Messrs Glaxo is Erbolin tablets to replace Erbolin capsules. The tablets are uncoated to facilitate disintegration and are available at reduced prices.

**Sale of Medicines.**—A second impression of "The Law Relating to the Marketing and Sale of Medicines," by Mr. H. E. Chapman, M.P.S., barrister-at-law (secretary to Proprietary Articles Trade Association), has been called for. The book, which has been favourably reviewed in a number of pharmaceutical, medical and technical journals, is published by Henry Burt & Son, Ltd., Mill Street, Bedford, and may be obtained through the usual channels (price 7s. 6d. net) or from the publishers (8s. post free).

**Fat-free Desiccant.**—For the treatment of inflammatory conditions of the skin Siccoclam, a non-greasy, drying application for the skin, has been favourably reported on by sections of the medical Press, and is claimed by the makers, The British Drug Houses, Ltd., London, N.1, to possess the advantages that it is active in inflammatory dermatoses, is innocuous, has no contra-indications, effects immediate absorption of fluid exudates, and is active in both acute and chronic conditions. The preparation is conveniently packed in screw-capped collapsible tubes containing 2 oz. or 4 oz.

**Aspro Packing Changes.**—Aspro, Ltd., announce two important packing changes. One is the introduction of "Sealtite," a hermetically sealed, moisture-proof, transparent cellulose wrapping, which will at present be used for the 5's and 10's sizes. Sealtite, of which Messrs. Aspro have the sole rights, is the latest development in hygienic wrapping for a medicinal tablet. A further change necessitated by paper economy is the discontinuance of cartons for the 5's and 10's sizes. The demand for these sizes will in future be met by loose



apes (either Sealtite or Sanitape) packed in an attractive display box containing six dozen 5's. Prices are unaltered.

### Business Changes

**EPISEPS, LTD.**, Bradford, have appointed Mr. C. F. Harcombe Cooper to be general manager.

**PARTNERSHIP DISSOLVED.**—By mutual arrangement, the partnership of William Rankin & Sons, as formerly constituted, was dissolved on August 31. Messrs. William Rankin and Robert Cecil Rankin have taken over the Glasgow assets and liabilities and will continue to trade under the titles of William Rankin & Sons and Steedman & McAlister. Messrs. Cunison Deans Rankin and John Naismith Rankin have taken over the assets and liabilities of the branches at London, Caramujo (Portugal), and Bristol, and, in partnership with the three sons of Mr. Cunison Deans Rankin, will trade under the titles of Rankin Bros. & Sons and Benito Remus & Co., Ltd.

### Proprietary Articles Trade Association

**Alteration to Protected List.**—*Moore Medicinal Products, Ltd.* Sperola tablets, tubes of 12, 3s., 21s. 6d. (exempt from tax). To be discontinued when present stocks are exhausted.

## COMPANY NEWS

**T. C. THOMAS (CHEMISTS), LTD. (P.C.).**—Capital £4,000. Chemists, druggists, etc. First directors not named. R.O.: 25 Station Parade, Queensbury, Wembley.

**EPISEPS, LTD. (P.C.).**—Capital £100. Chemists, druggists, perfumers, paint and colour grinders, manufacturers of and dealers in proprietary articles, etc. Joseph E. Cowburn and Joseph Barker, directors. R.O.: Eastbrook Buildings, Leeds Road, Bradford, Yorks.

**PROTHERO & GEDDIE, LTD. (P.C.).**—Capital £500. To acquire the business of chemist carried on at 70 Chadwell Heath Lane, Chadwell Heath, Essex. Henry Prothero, M.P.S., and Robert A. S. Geddie, M.P.S., directors. R.O.: 1A Southampton Row, Holborn, London, W.C.1.

**CARIA RADIUM, LTD. (P.C.).**—Capital £2,000. Manufacturers of and dealers in medicinal products, proprietary articles, toilet requisites, etc. William B. Blackwood and Raphael R. O'Reilly-Kalbalkin, directors. Solicitors: Thomas Cooper & Co., 71 St. Mary Axe, London, E.C.3.

**LANGLEY VALE PRODUCTS, LTD. (P.C.).**—Capital £100. Manufacturers, importers and exporters of and dealers in foodstuffs, medicines and powders for animals, etc. Douglas D. Cooper and Thomas E. H. Hewitt, directors. R.O.: Mannameade, Beaconsfield Road, Epsom Downs, Surrey.

**ROBERT ANDREW (OLDHAM), LTD. (P.C.).**—Capital £100. To acquire the business carried on at 94 Wolverton Avenue, Hollins, Oldham, by Robert Andrew; dealers in photographic materials, etc. Robert Andrew and Mrs. Minnie Tyson, directors. R.O.: Prudential Buildings, Union Street, Oldham.

**PANDARS (ISLE OF WIGHT), LTD. (P.C.).**—Capital £100. To acquire the stock-in-trade and book debts of the business carried on by Pollard & Ramage, Ltd., 107 High Street, Sandown, and to carry on the business of drug store proprietors, drysalers, etc. Evelyn W. Pollard, William Ramage, M.P.S., George B. Ramage, M.P.S., Eric B. Pollard, M.P.S., Gilbert C. Russell and Stanley R. Bird, directors.

**DELETED FROM REGISTER.**—"The London Gazette," October 27, notifies that Carmac Laboratories, Ltd., and Rose Patent Safety Razor Co., Ltd., have been struck off the Register of Companies.

**PROTECTION AND ADJUSTMENT ORDERS.**—Henry James Parkinson, M.P.S., 13 Hartington Road, St. Margarets, Twickenham, and carrying on business at 298 St. Margarets Road, Twickenham, Middlesex, was on October 19 awarded Protection and Adjustment Orders under the Liabilities (War-time Adjustment) Act, 1941.

**PROTECTION ORDER.**—Gerald Arthur Marshall, chemist, trading as E. D. Foster, 38A Camomile Street, London, E.C., was on October 13 awarded a Protection Order under the Liabilities (War-time Adjustment) Act, 1941.

**FINAL DIVIDEND.**—William Patrick Arnott, M.P.S., 27 Castle Lane, Bournemouth, carrying on business at 66A High Street, Poole Dorset; first and final dividend, sixpence in the £, payable November 17 at Kimberley House, Holborn Viaduct, London, E.C.1.

**CLOSED ON SATURDAYS.**—Advertisers and subscribers are reminded that owing to war conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the C. & D., c/o The Pitman Press, Bath, Somerset.

# PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

MEMBERS present at the monthly meeting of the Council of the Pharmaceutical Society at Derby on November 3 and 4 were the president (Mr. W. S. Howells), the vice-president (Mr. F. G. Wells), Mrs. J. K. Irvine, Sir Malcolm Delevingne, Messrs. J. T. Appleton, C. Davis, W. Deacon, J. H. Franklin, H. M. Hirst, J. Jack, G. R. Knox Mawer, J. F. McNeal, A. R. Melhuish, L. M. Parry, E. S. Peck, P. F. Rowsell, H. C. Shaw, H. Skinner, F. C. Wilson, and J. C. Young, with the secretary and registrar (Mr. H. N. Linstead, M.P.) in attendance.

## Tuesday's Session

Among the items of business transacted were the following:—

### Parliamentary Fund

In view of the prospective change in constitution of the Parliamentary Fund Committee and the winding up of the Fund administered by that Committee, it was decided to establish a Parliamentary Fund of the Society to be administered by a committee of the Council. The Fund would consist of voluntary contributions and would be used to promote or assist in every legitimate manner the election to the House of Commons of candidates approved by the Committee administering the Fund, irrespective of the party opinions of such candidates.

### Poisons Board

Messrs. W. Deacon, J. H. Franklin, H. N. Linstead, G. A. Mallinson and A. Wilson were reappointed the representatives of the Society on the Poisons Board for the next three years.

### University College, Hull

Mr. A. G. Surfleet was reappointed the Society's representative upon the Court of Governors of University College, Hull, for the next three years.

### Standards for Catgut

It was reported that a request from the Ministry of Health had been received to establish standards for catgut in the British Pharmaceutical Codex and that a special subcommittee of the Codex Revision Committee had been formed to deal with the matter.

### Charter Centenary

It was decided that the evening meeting of the Society in February should take the form of a lecture entitled "One Hundred Years under the Charter." It was also decided to consider the question of marking the occasion in other ways.

### The Late Mr. C. L. Butchers

It was agreed to donate the sum of one hundred guineas to the fund which was being raised to establish a C. L. Butcher Memorial Library at the Victoria College of Pharmacy in memory of the late Mr. C. L. Butchers, registrar of the Pharmacological Board of Victoria and an honorary member of the Society.

## Wednesday's Proceedings

### Obituary

THE PRESIDENT made sympathetic reference to the death of Professor J. Norman Collie, professor of chemistry in the Society school from 1896 to 1902.

### Registration

THE REGISTRAR reported that since August 4 seventy-one persons had been registered as apprentices or students. The names of twenty-seven pharmacists and seven premises were restored to the Register. Two candidates had passed the Ph.C. examination, and diplomas had been granted to them, and diplomas had also been awarded to nineteen persons who had satisfied the examiners in biochemical analysis.

### Galenic Workers

MR. WILSON drew attention to the fact that whereas employees of recognised wholesale firms engaged in making galenic could obtain ten supplementary clothing coupons, they were not issued to persons doing the same work in the warehouse of a pharmacy. THE SECRETARY explained that the National Pharmaceutical Union had applied for the concession, so far without success. THE PRESIDENT said he considered there was a strong case for it.

### Education

Presenting the report of the Education Committee, MR. ROWSELL said they agreed generally with the desire of the Yorkshire



ederation of the Association of Pharmaceutical Employees for refresher courses for pharmacists and part-time courses for the diploma in biochemical analysis, to be set up as soon as possible after the war. It was another case of post-war planning. Full advantage was being taken of the course for foreign pharmacists being held at Chelsea Polytechnic, the examination in connexion with which would be held during the week ending December 12. The arrangements for the examination were such as would do justice to the students and at the same time safeguard the interests of the Society generally. Owing to the small number of applications the course at the Society's College at Cardiff had been cancelled.—In reply to MR. MCNEAL, THE SECRETARY stated that the regulations governing the issue of certificates of registration would be the same as in the case of English pharmacists, and they provided for withdrawal of the certificates when the registration of the holders ceased after the war.—The committee further reported that their chairman, Mr. Linstead and Mr. Ullowright had been appointed to represent the Society at a meeting on November 24 at which Sir Cyril Norwood would explain the conclusions arrived at by the committee set up by the President of the Board of Education to consider suggested changes in the secondary school curriculum and the question of examinations in relation thereto.

#### Benevolent Fund

On the recommendation of the Benevolent Fund Committee it was agreed that the names of twenty-eight persons should be placed on the list for election on December 10 as additional annuitants: Tupholme, Mrs. Esther C. (86), Worthing; Wassell, William A. (72), Bournemouth; Clue, Mrs. Elizabeth F. (82), Portsmouth; Forster, Mrs. Amanda H. A. (75), Saltash; Thew, Mrs. Mary H. (76), Sunderland; Rackham, Charles B. (71), Barnes; Huggett, Mrs. Elizabeth A. (80), Sleaford; Metzler, Mrs. Dora S. (92), Stelling Minnis; Sidebottom, Mrs. Amy G. (67), Morecambe; Marston, Mrs. Alice S. (73), Chingford; Huke, Mrs. Fanny M. (71), Hammersmith; Seymour, Mrs. Justine A. M. K. (78), Ealing; Wilson, Mrs. Mary (74), Canterbury; Freeman, Mrs. Sarah (70), Preston; Spearing, Mrs. Annie E. (70), Bournemouth; Mills, Mrs. Alexandra A. (79), Eltham; Edmonds, Mrs. Sarah A. (86), Southwick; Jones, Hugh (74), Blaenau Festiniog; Stewart, Jeanie (74), Dunoon; Burnett, William (78), Fulham; Peacock, William E. (76),

Risca, Mon.; Wilkins, Charles H. (71), Bournemouth; Norris, George (71), Brentford; Chabot, Frank (82), Birmingham; Oakey, Mrs. S. (78), Chorlton-cum-Hardy; Copestake, Henry H. (81), Minehead; Knott, Mrs. Eliza H. (79), E. Finchley; Wilkinson, Charles E. (78), Mildenhall. Eleven applications for assistance from the fund had been considered and grants were made in ten cases, the other being referred to the War Aid Committee. Special contributions during October included £4 14s. 8d. from the National Joint Committee for Scientific Supervisory Staff.

#### War Aid Fund

The total of the War Aid Fund at the end of October was returned at £23,467. MR. DEACON (chairman of the Committee) expressed gratification at the receipt of £140 from Rhodesian chemists. West Ham Branch having suggested the adoption of prisoners-of-war by branches, it had been decided that those wishing especially to assist such men should be asked to make additional contributions earmarked for the purpose.

#### Central War Committee

The Central Pharmaceutical War Committee was reported to be now working as an approved agency under the Employment of Women (Control of Engagement) Order. The first return, made after the agency had been functioning for only a few days, showed that it had placed two pharmacists and two dispensers. The Committee had been informed that it was not necessary for the agency to deal with the engagement of apprentices, since as pharmacy students they were reserved.

LETTERS FOR OVERSEAS DESTINATIONS.—Subscribers are reminded that paper-economy labels are not accepted by the postal authorities on previously-used envelopes addressed to destinations in foreign countries, the Dominions, or Northern Ireland. A new envelope must be used.

CAFFEINE PLUS.—For an overdose of opium the embryo surgeon had recommended strong tea. The examiner agreed, but pointed out that strong coffee was more frequently advised. "Yes sir, I know, but the tannin in tea is a precipitant for alkaloids, so I would prefer it." "Good God!" exclaimed the distinguished pharmacologist, "I never thought of that before. Did you think of that yourself, my lad? Excellent!"—"Lancet."

## INSURANCE ACT DISPENSING

**Drug Tariff.**—The National Health Insurance Drug Tariff for October, recently issued, contains a comparatively short list of changes of prices of drugs and preparations.

**Birkenhead.**—The Insurance Committee has approved the continuance of arrangements provisionally made for the closing hours of chemists' shops in the borough. No complaints were received during the year of inability to get prescriptions dispensed. Under the agreed arrangements the general closing hour is 6 p.m. to 6.30 p.m., but one shop in each of seven areas opens until 7 p.m.

**Holland (Lincs).**—At a recent meeting of the Insurance Committee the pharmaceutical service subcommittee put forward a complaint that a patient had been unable to obtain drugs with reasonable promptness from a chemist. The subcommittee considered this a breach of the terms of service and recommended the imposition of a substantial penalty with a view to a corresponding deduction from the chemist's remuneration. A medical member of the Committee said that after reading the report he considered there was considerable cause for complaint. The firm was licensed

to supply drugs and appliances on condition that a qualified pharmacist was employed apparently so that a person was not present. Another member, supporting, said the Committee appeared to have considered the case from the firm's point of view instead of that of the insured person, who was the one to suffer. If an efficient pharmaceutical service was not provided in that shop steps should be taken to rectify the position. The chairman said this had been going on a long time and the doctor there was concerned about it. The Committee confirmed the subcommittee's recommendation, adding a resolution asking the Ministry if this was considered to be a matter demanding an inquiry.

**Exeter.**—The Insurance Committee has agreed to proposals that only two of five shops in the St. Thomas district shall remain open for dispensing between 6 and 7 p.m. during the winter months. It is considered that insured persons will not be prejudiced by the new arrangement, experience having shown that few persons take prescriptions to chemists during black-out hours. The chairman gave an assurance that any complaints by insured persons would be investigated, and that the arrangement would be reviewed after three months.

## CIVIC HONOURS FOR PHARMACISTS

BANBURY and Droitwich are among boroughs which have recently appointed pharmacists as mayors. At Banbury the new Mayor is Councillor J. A. Deacon, M.P.S., a past-president of the Oxfordshire Branch of the Pharmaceutical Society, and a former chairman of the Oxford Pharmaceutical and district war committees. Councillor Deacon was born in Leicester and educated at Ashby-de-la-Zouch grammar school. After serving in the war of 1914-18 in the Royal Welsh Fusiliers and Special Brigade, Royal Engineers, Mr. Deacon settled in Banbury in 1919 as manager of a business which he purchased in 1921. He was elected a town councillor in 1934, and served as chairman of the General Purposes Committee in 1938-41; he also acts as Gas Identification Officer for North Oxfordshire. Mr. Deacon has numerous interests outside pharmacy, including Freemasonry, cricket, and dog-breeding.

At Droitwich, Councillor Percy C. Harris, M.P.S., is the new holder of the chief magistracy. Councillor Harris qualified

as a pharmacist in Edinburgh after being apprenticed to his father in Droitwich and studying in Birmingham. He is the proprietor of a business acquired nearly seventy years ago by his father, the late Alderman Stephen Harris, and carried on by him for half a century. Councillor Harris is a member of the Worcestershire Pharmaceutical Committee, and has taken an active part in Civil Defence organisation in Droitwich, being, like his wife, who is a trained nurse, a member of the Droitwich Ambulance Committee. Councillor Harris's interests outside pharmacy include amateur football, racing under National Hunt rules, and horticulture. He has been a keen supporter of local youth movements, notably the Army Cadet organisation.

At Oxford, Mr. C. J. V. Bellamy, Ph.C., who since 1939 has been mayor for two years and deputy mayor for one year, has recently been appointed an Alderman and Justice of the Peace for the City. While mayor he was accorded an honorary M.A. degree by the University.



## PERSONALITIES

MR. W. L. ALEXANDER, M.P.S. (Bailey & Alexander, chemists, 9 Strait Bargate, Boston, Lincs), provided information about former business in laudanum for use in a B.C. feature programme broadcast to Pacific listeners recently.

MR. W. E. PHILLIPSON, who recently recorded a vote of thanks to the speaker at a joint meeting of the Manchester Pharmaceutical Association and Branches (see *J. & D.*, October 31, p. 439), is vice-president of the Guild of Public Pharmacists and secretary of its local branch.

MR. JOHN J. CURRAN, Ph.C., Dublin, has been appointed whole-time pharmacist to the National Maternity Hospital, Holles Street, Dublin. Mr. Curran, a native of Annis, co. Clare, served his apprenticeship with the late James Corcoran, Phibsboro, and qualified in 1937. This is the first appointment of a pharmacist to the Hospital staff.

MR. FINTAN M. MALLEN, M.P.S.I., Howth, Dublin, has been appointed pharmacist in charge of the general medical supplies of the Irish Red Cross throughout Eire. This is the first whole-time appointment of a qualified chemist on the headquarters' staff of the Irish Red Cross, which is expecting further consignment of supplies from the American Red Cross in the near future.

MR. E. M. O'GRADY, M.P.S.I. (county divisional director), was amongst those present at a luncheon given at Waterford by visiting American Red Cross delegates. Subsequently he conducted Dr. D. P. Brien (Rockfeller Institute); Mr. G. P. Len (American Red Cross) and Mr. Justice Honor Maguire (chairman, Irish Red Cross Society) on a tour and inspection of Red Cross personnel and equipment in Waterford City.

ALDERMAN D. J. BAILEY, M.P.S., mayor of Blackpool, has received a message of appreciation from the Blackpool Insurance Committee for his services to the Committee. Alderman Bailey, chairman of the Committee, has been associated with it from its inception. On October 27 he was complimented upon his recent appointment to the executive council of the National Association of Insurance Committees. Speaking to Blackpool Rotarians on the following day, he recounted his many activities. Besides major engagements and incorporation business there were visits to clubs, churches, schools, offices and social events.

## BIRTHS

WATERHOUSE.—At Colwyn Nursing Home on November 2, Violet (*née* Sharp) the wife of Sergeant A. R. Waterhouse, M.P.S., 104 Harefield Road, Uxbridge, of a daughter (Carolyn Jill).

## MARRIAGES

ARMITAGE—FRENCH.—At St. Matthews Church, Lightcliffe, on November 2, Eric Armitage, Ph.C., elder son of Mr. N. Armitage, M.P.S., F.S.M.C., F.I.O., 8 Leeds Road, Hipperholme, nr. Halifax, to Nora C. French.

QUAYLE—SCOTT.—At Park Road Congregational Church, Sutton Coldfield, on October 28, Ernest Quayle, B.Eng., Grad. I.E.E., G.I.Mech.E., to Irene Elizabeth, younger daughter of Mr. S. Lamplough Scott, M.P.S. (Eli Lilly & Co., Ltd.), 37 Chatsworth Road, Bournemouth.

## DEATHS

BELL.—At Clifton Road, Aberdeen, on November 3, Mr. William Smith Bell, M.P.S., aged seventy-five.

BOTTOMLEY.—Recently, as the result of a flying accident, Sergeant-Pilot William Bottomley, M.P.S., formerly on the staff of C. F. Thackray, Ltd., manufacturing chemists, Leeds. Mr. Bottomley qualified in 1938.

BURR.—At Aberdeen, recently, Mr. Patrick Burr, M.P.S., Westburn Drive. Mr. Burr, who qualified in 1899, was for many years in business in Mid Stockert Road, retiring about seven years ago.

EVANS.—On November 4, Mr. Richard Evans, M.P.S., 8 Surbiton Park Terrace, Kingston-on-Thames, aged sixty-one. Mr. Evans came to Kingston about twenty-three years ago and took over an old-established business carried on by Walmsley & Son. For a long period he was on the committee of the Thames Valley Pharmacists' Association.

FERRIE.—On November 4, Mr. George Thomas Ferrie, M.P.S., 59 Priory Lane, Dunfermline. Mr. Ferrie qualified in 1938.

UNDERWOOD.—While on active service, recently, Acting Squadron Leader P. L. Underwood, D.F.C., son of Mr. P. E. Underwood, M.P.S., 82 Cannon Street, London, E.C.4. Before joining the R.A.F. he was studying for the Qualifying examination.



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*Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire*

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*The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.*

## Co-ordinated Parliamentary Action

A DEVELOPMENT of the utmost importance to the drug trade has been reported to us. According to our information a project is afoot (*see C. & D.*, October 17, p. 393) to establish a Pharmaceutical Parliamentary Committee from representatives of (1) the Pharmaceutical Society of Great Britain, (2) the Scottish Pharmaceutical Federation, (3) the National Pharmaceutical Union, (4) the Company Chemists' Association, (5) the Wholesale Drug Trade Association, (6) the Proprietary Articles Trade Association, and (7) the Guild of Public Pharmacists. It is understood that the majority of these interests have notified their approval of the scheme and their willingness to become members of the organisation (*see p. 506*), and that its establishment is practically assured. Our report indicates that the main, in fact the only, object of the Pharmaceutical Parliamentary Committee will be to ensure uniformity of Parliamentary action on all matters concerning pharmacy.

The general plan, it is stated, is that each constituent body will be given representation on the parliamentary organisation. For

instance, the Pharmaceutical Society of Great Britain and the National Pharmaceutical Union may be given a membership of, say, three representatives, and the other bodies two members each. The joint secretaries will be likely to be the chief officials of the Pharmaceutical Society of Great Britain and the National Pharmaceutical Union. According to our information, each of the constituent bodies is to be under an obligation to report to the Pharmaceutical Parliamentary Committee all parliamentary matters relating to pharmacy that may affect them or come to their notice, and they will not be allowed to take individual action on such matters without first giving notice of their intention to do so. Each constituent body is to be expected to give common support to the actions of the Pharmaceutical Parliamentary Committee. The expenses of the Pharmaceutical Parliamentary Committee are to be met by annual subscriptions, possibly a fixed sum per member, from the constituent units, and funds for special purposes, such as the promotion of legislation, are to be raised by special levies. The funds of the Pharmaceutical Parliamentary Committee are not in any circumstances to be used in support of parliamentary candidates.

## No Overlapping

Past experience has shown the necessity of a central and representative body of this character to handle with authority and influence pharmaceutical parliamentary matters. It should ensure co-ordinated action and it should knit together the various bodies whose interests and welfare are largely common ground, namely the future of pharmacy.

Being concerned solely with parliamentary matters it would appear that the Pharmaceutical Parliamentary Committee will not in any way overlap, much less replace, the recently formed Drug Trade Council, whose activities are concerned with internal trade matters.

At this juncture, with the scheme in its rudimentary stage and with its advantages and possibilities self-evident, we refrain from detailed comment. There is, however, one point we should like to make. The sole

object of this projected body is, we understand, "to ensure uniformity of parliamentary action in all matters concerning pharmacy." What is pharmacy in this connexion? What will it include and what will it exclude? Is the composition of the Parliamentary Committee a guide on this important point? It is, we believe, the first problem the Pharmaceutical Parliamentary Committee will have to solve.

## Olive Oil and Arachis Oil

THERE appears, states the Ministry of Food, to be some misunderstanding in connexion with the sale of olive oil and arachis oil by chemists, and it is desirable to clarify the position, which is as follows: No change has been made in existing arrangements for the distribution of olive oil which chemists obtain from their usual suppliers on a *pro rata* basis calculated on their purchases during the period August 1938 to July 1939. Olive oil so allocated may be sold only against prescriptions furnished by medical practitioners. It must be emphasised that no guarantee can be given that supplies of olive oil will be sufficient to meet all demand for this purpose.

Where a chemist is unable to supply olive oil against a prescription because his stocks are exhausted, no objection will be raised by the Ministry if arachis oil is substituted, but the consent of the prescriber must, of course, first be obtained. Replacement of arachis oil supplied will be made in accordance with arrangements outlined below.

A wide range of B.P. and B.P.C. formulas has been modified to permit the use of arachis oil instead of olive oil, and in making these preparations olive oil should not be used. Supplies are so limited that chemists called upon to dispense prescriptions for non-B.P. and non-B.P.C. preparations in which olive oil is an ingredient should endeavour to obtain the approval of the prescriber to the use of arachis oil in its place. Olive oil must not be used in the compounding of domestic recipes. Arachis oil should be used in its place, subject to the consent of the customer.

The new arrangements only affect the distribution of arachis oil to chemists for sale in non-compounded form, and sales

of arachis oil as such must only be made against prescriptions furnished by qualified medical practitioners. No change has been made in the existing methods of allocating arachis oil to chemists for use in compounded preparations. They will continue to obtain supplies as hitherto, on permits (Form O.F. 266) issued by Oils and Fats Distribution Officers. These permits will not, however cover the replacement of arachis oil sold as such against doctors' prescriptions. For this purpose, application should be made for the necessary buying permit (Form O.F. 260) to the Oils and Fats Distribution Officer for the Food Division in which the chemist's premises are situated. The address of the Area Officer can be obtained from any local Food Office. In the past chemists have been able to obtain small supplies of arachis oil from their wholesaler without producing a permit. In future, however, supplies of arachis oil will only be obtainable on one or other of the two permits mentioned above.

## Proprietary Medicine Control in Australia

THE present position of proprietary medicines in the Commonwealth of Australia has been causing some degree of concern to members of the House of Representatives, pharmacists and manufacturers.

The main concern of a questioner in the House on June 4 was as to prices charged and profits made. In full, the question put to the Minister for Trade and Customs was, as recorded in the official report of the debates:—

1. Will he arrange for the Prices Commissioner to investigate the cost of preparation of Bex, Aspro, Lantigen, and such like patent medicines, and their sale price to the general public?

2. If such investigation reveals that more than the amount of profit now allowed to general traders is being made by the manufacturers of such preparations, will he order such reductions in price, both wholesale and retail, as seem to him to be reasonable?

To this the Minister's reply was that certain inquiries had been made, but if further legislation were necessary he would arrange for it to be made; and that the



prices of the products were at present controlled by the Commonwealth Prices Commissioner. If any variations in existing prices were necessary he would make them. The framing of the question suggests a relief or fear that profit control—which it may be assumed is on similar lines to that imposed in this country under the Prices of Goods Act—is in some way being evaded by the manufacturers. The Minister's reply indicates that he does not consider this is so.

### Degree of Control

A quite different apprehension is expressed in an editorial article in the "Australasian Journal of Pharmacy" (June 30), where it is stated: "Some . . . statements, attributed to departmental officers, are capable of the interpretation that, under the plan envisaged by the Government, proprietary medicines as such would be abolished." Taken in conjunction with a definition of proprietaries quoted in the same journal from the introduction to the National War Formulary of this country ("A preparation regarded as a 'proprietary' when the prescription requires the supply of the product of a particular manufacturer. The term 'proprietary preparation' therefore includes not only a drug or a preparation sold under a trade name or trade mark, but also a standard drug or preparation to the name of which the prescriber has added the name or initials of the manufacturer, e.g. 'Aspirin X.Y. and Co.'") the possibility of one that would be likely to have a revolutionary effect on the trade. In this country such ban would, without a much wider approval among the public than appears to exist at present, be almost unthinkable, and we can hardly believe that the time is ripe for such drastic control. It is more likely that there was never the intention to impose a greater measure of control than that effected by a National Security Regulation published in Canberra on October 23. The regulation aims at assuring that no useless medicines will be made or sold. It prohibits the use of essential drugs in compounds in which their presence is unnecessary. Manufacturers and agents of medicines manufactured outside Australia are required to furnish a return setting out their medicines, formulas, sample containers, leaflets, pamphlets, labels, and

copies of advertisements published or broadcast between August 15 and September 1, and the quantity of medicine sold during the year ended June 30. The Government is empowered to prohibit the manufacture or sale of any medicine if it is satisfied that the medicine has not the effects claimed for it, and may also limit the quantity manufactured and prohibit or limit the amount of any ingredient.

Some form of permanent control of proprietary medicines, both in Australia and this country, will no doubt continue to be advocated. A start has been made in Britain by the Pharmacy and Medicines Act, which compels disclosure of formulas. But the suggestion that in one sweep all proprietaries should be abolished is not only excessive: it is unjust to many valuable specialities; likely to have an unfortunate effect on research; and certainly calculated to effect too severe a break in the habits of the public, the business of the pharmacist, and the organisation of industry.

### Derecognition?

TAKEN literally, the statement by the chairman of the British Standards Institute (*see* p. 490) that that body has become recognised by the Government for the formulation of all standards, "with the exception of those issued by the Medical Research Council in the British Pharmacopœia and Codex," would appear to "derecognise" some existing standards of considerable importance. We might then have the very remarkable contradiction in terms that, for example, the international standards set up by the National Council of Medical Research, Hampstead, were authoritative but not recognised. It is to be understood that the chairman was speaking in a popular or colloquial way in referring to the exceptions, and that what he really intended to say was "those issued by the Medical Research Council [to which the N.C.M.R. is subsidiary], those laid down in the Pharmacopœia, and those formulated by the Pharmaceutical Society in the Codex." But it is a singular phenomenon that the chairman of a body concerned with niceties of definition should, apparently, thus depart from standards of accuracy in his public utterances.

## ULSTER CHEMISTS' ASSOCIATION

THE monthly meeting of the executive committee of the Ulster Chemists' Association was held in Belfast on November 3, the president (Mr. P. R. W. Shinner) in the chair. THE SECRETARY reported that Mr. John McDowell (a member of the executive committee and a past-president), who had been seriously ill, was now much better, and general pleasure was expressed at the news. Arrangements had been completed for the supply of imported honey for pharmaceutical purposes, and wholesalers in Northern Ireland would shortly have stocks to meet chemists' permits. The Health Advice Centre had asked the U.C.A. to encourage members to order adequate stocks of rose-hip syrup, and members had been advised on this matter. THE PRESIDENT referred to the reported sale of a Chemists' Friends line (a Part II poison) by a grocer. The secretary was instructed to ask the pharmacy inspector to take action.

### Price Changes

Information about price alterations and additions to the U.C.A. price list was presented by THE SECRETARY from Burroughs Wellcome & Co. and Evans Sons Lescher & Webb, Ltd. He was instructed to include this in the next advice to members. A letter to THE CHEMIST AND DRUGGIST inviting manufacturers to advise the U.C.A. of price changes affecting their goods had been acknowledged and subsequently published in that journal.

### Correspondence

The Ministry of Agriculture, Stormont, Belfast, wrote advising that chemists would in future receive allocations of groundnut oil for dispensing purposes only and not for re-sale. The secretary was instructed to advise members to record all prescriptions (including National Health Insurance scripts) for groundnut oil so that they could furnish particulars if an extra allocation were needed. Correspondence concerning the Control of Packaging Order was also read. THE SECRETARY stated that he had not yet seen the schedule to this Order published by the British Standards Institution; it was at present out of print. The committee decided that no advice should be sent to members until the schedule had been received and studied. THE SECRETARY reported that he had written to Mr. Mallinson (secretary, National Pharmaceutical Union) thanking him for valuable assistance and advice supplied freely to the U.C.A. from time to time. The meeting

expressed its great appreciation of Mr. Mallinson's valuable and willing help. It was reported by the secretary that he had attended a meeting of the North Down Chemists' Association in Bangor, co. Down, during October. A member had asked the secretary if it would be in order for him to give a "free draw" to a club holder, and it was decided to advise this member that since giving a "free draw" represented repayment for services rendered, the executive committee would consider it neither a breach of the rules nor a price cut. The secretary was asked to point out to this member, however, that the practice of running clubs had been largely discontinued. THE PRESIDENT pointed out that certain notices in the N.P.U. Supplement did not apply to Northern Ireland, and suggested that the secretary should, when necessary mark such notices "not applicable to Northern Ireland" before posting the supplements. This was agreed.



MEDICAL SUPPLIES FOR PRISONERS OF WAR  
Mrs. Roosevelt (wife of the U.S. President) inspecting at St. James's Palace, London, medical supplies about to be sent in Red Cross prisoners-of-war parcels to British and Allied prisoners of war in Germany.



## PRIZEGIVING AT LEICESTER

At the first meeting this session of the Leicester and Leicestershire Branch of the Pharmaceutical Society, held on October 19, the advisory committee of the School of Pharmacy, College of Technology and Commerce, invited Group Captain Ivor B. Hart, O.B.E., Ph.D., B.Sc. (Command Education Officer), to distribute prizes to successful students. The school laboratories were open for inspection, and the following were among the large audience present: Messrs. L. W. Kershaw (principal, College of Technology and Commerce); C. Gunn (head of school of pharmacy); N. Tunstall (inspector); Bruce Eagle (chairman, local branch of Pharmaceutical Society); F. Gurne (secretary of the branch); members of the school's advisory committee; and local pharmacists. During the evening reports on the school's activities were given by Messrs. Kershaw and Gunn.

### Prizewinners

The prize list was as follows:—

Prizes presented by the Leicester and Leicestershire Branch of the Pharmaceutical Society at the Preliminary Scientific and Inter. B.Pharm. course, first prize, value £1, and biology prize, value 10s.: Frederick Hanson; second prize, value 10s., also chemistry prize, value 10s.: Priscilla Snowden; physics prize, value 10s., Brian A. Martin; in the Pharmaceutical Chemist and B.Pharm course, prize, value £1, and certificates of honour in pharmacy, pharmacognosy, physiology and pharmaceutical chemistry: Medley R. Mobbs; prizes presented by A. de L. Dalmás & Co., Ltd.: first prize, value £2 2s., and certificates of honour in physiology, pharmacy theory, pharmacognosy theory and forensic pharmacy: Sidney J. Carter; second prize, value £1, and certificate of honour in practical pharmacognosy: Mary Monks; prize in pharmacognosy presented by The British Drug Houses, Ltd., value £2 10s.: Sidney J. Carter; prize presented by E. H. Butler & Son, Ltd., post-Preliminary Scientific course, value £1: Louis P. Decker; Pharmaceutical Society of Great Britain prize for best student-associate of the year, British Pharmaceutical Codex: Sidney J. Carter; prize presented by the advisory committee of the School for public spirit and progress, value £2 2s.: Derek W. F. Deaville; dispensing proficiency cup presented by Mr. F. H. Hannam: Geoffrey C. Holmes; Young Memorial prize, value £3 3s., presented by Ucal, Ltd.: Sidney J. Carter; window display prizes presented by Genatosan, Ltd.: first, value £2 2s.: Norman T. Carter and Ernest Elliott; second, value £1 1s.: Sidney J. Carter and Derek W. F. Deaville; certificates of honour in chemistry theory: Roy G. H. Cook; chemistry practical: Frank Herrick; and pharmacy practical: Maxwell W. Barnett; prize, value

£2 2s., presented by Mr. A. R. G. Chamings, B.Pharm., Ph.C., for any piece of outstanding work by a student during the session: Kenneth Gaimster and Frank Herrick.

### Address to Students

In the course of his address to the students, Group Captain Hart said:—

I have always been greeted at the College with kindness, courtesy and hospitality. Now and again I have been prompted to ask myself why. The answer is to be found, I think, in the fact that I, who really do enjoy my work, find myself greeted here by a principal and members of his staff who quite obviously and equally are enjoying their work. It seems to me that that must inevitably react upon the students. In the field of pharmacy there is everything that can be worth while and satisfying. Those who pursue its paths are doubly privileged. They inherit a tradition of many centuries of the past and embark on a forward journey of hope, service and research. I, for my part, do not profess to know what is being said about that particular form of education that concerns itself with the training of a pharmacist; but whatever may be the outcome, nothing can take away from you your rôle of service to the community, and I cannot stress that too strongly. Some of you, of course, will, in this war, be giving your services to either the Army, the Navy, or—dare I suggest—the Royal Air Force as dispensers. Well, you will have the satisfaction of knowing that you do the obvious duty to the nation by so doing but, looking ahead, as well we should, we have to bear in mind that you who are either in the midst of your studies or have just completed them are doing so or have done so because pharmacy is to be your life career. What has it to offer you in return for what you are giving to it? There is one thing I think we must make up our minds to. There is no fortune to be made out of being a pharmacist—at any rate, for most of you. Hard study and learning seldom produce millionaires. I am assuming as you are bound to insist that the conditions and the prospects of the profession are fair to you in that they do provide those cash rewards for ability and enterprise and an outlet for ambition and a successful career such as is the legitimate right of all who train for and enter upon a profession. What I am anxious about is that there will also be room in your lives for some of the romance of life.

# NATIONAL PHARMACEUTICAL UNION

MEETINGS of the Executives of the National Pharmaceutical Union and Chemists' Defence Association were held on October 26. Mr. J. Evans in the chair. THE SECRETARY reported that negotiations had been proceeding between the N.P.U. and the Wholesale Drug Trade Association jointly and the Sugar Confectionery (War-time) Association with the object of securing exemption of certain medicinal products from sugar confectionary control. Arrangements had now been completed whereby a special panel, on which pharmaceutical interests were represented, would be set up to examine claims for exemption. A letter was read from the Proprietary Articles Trade Association regretting the Association's inability to undertake publication of a price list of proprietary articles.

## Hot-water Bottles

A letter from the Ministry of Supply explained the procedure in obtaining rubber hot-water bottles for use in hospitals, etc. There was no provision for releasing bottles to meet the private needs. A letter from the Board of Trade gave a definite ruling that pharmacists in retail business were not entitled to additional clothing coupons.

## Parliamentary Committee

Renewal subscriptions to the Air-raid Assistance Fund had been paid in respect of 3,500 shops. Only one claim had arisen since the September meeting, but details were not available. No change had taken place in the position of the War Distress Fund, total subscriptions for which stood at £19,725. The draft constitution of the Pharmaceutical Parliamentary Committee was submitted and approved at a meeting held on September 29. Messrs. A. H. Melhuish and W. J. Tristram had attended the meetings as representatives of the N.P.U., and reported on amendments made to the original draft.

## National Health Insurance

The meeting approved a report by the Central N.H.I. Committee outlining a suggested procedure in the N.P.U. inquiry into the cost to chemists of providing an N.H.I. dispensing service, and making recommendations on the constitution of Pharmaceutical Committees, the shortage of supplies of cataplasma kaolini, and the continued prescribing of National Formulary preparations by panel doctors.

## Chemists' Defence Association

Although many claims had arisen during the month, the secretary's report to the directors indicated that in only four had settlements been negotiated; these included two third-party claims involving cycling errand boys, one case of personal damages, caused through an escape of strong ammonia (settled by payments amounting to £51 6s.), and a case of alleged incorrect dispensing of an ointment (settled by payment of medical expenses).

THE SECRETARY reported that legal defence had been provided for a member summoned under the Food and Drugs Act in respect of the sale of a cordial alleged to contain an insufficient proportion of sugar to justify the use of the title cordial. A fine of 21s. had been imposed on each of two summonses. A charge against another member summoned under the Pharmacy Acts for an irregular sale of strychnine had been dealt with without the imposition of a penalty.

## COMING EVENTS

Notices for inclusion under this heading should be sent in time to reach the Editor in Bath not later than Wednesday morning of the week of insertion. Secretaries are advised to send copies of printed programmes of local activities so soon as they are completed.

### Wednesday, November 18

ABERDEEN AND NORTH-EASTERN SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY, Caledonian Hotel, Union Terrace, Aberdeen, at 3.15 p.m. Address by Mr. F. W. Adams (deputy secretary of the Society).

MANCHESTER PHARMACEUTICAL ASSOCIATION AND BRANCH, Onward Hall, Deansgate, Manchester, at 3 p.m. Mr. H. Haworth (Superintendent, Manchester Pricing Bureau), on "N.H.I. Dispensing War-time Difficulties."

WESTERN (LONDON) PHARMACISTS' ASSOCIATION AND NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, 17 Bloomsbury Square, at 7.30 p.m. Mr. D. G. Ardley on "The Chemotherapy of Bacterial Infection."

### Friday, November 20

NORTH BRITISH BRANCH, PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, 36 York Place, Edinburgh, at 7 p.m. Inaugural Sessional Address. Professor John Henry Gaddum on "Biological Assays."



## AUSTRALIAN DRUG SOURCES

THE fifteenth annual report of the Commonwealth Council for Scientific and Industrial Research (for the year ended June 30, 1941) is summarised in the "Australian Journal of Pharmacy" (42, I, 12). The following are extracts:—

**Hyosine and Hyoscyamine.**—Hyosine has been satisfactorily extracted from *Duboisia myoporoides* on a commercial basis by a local manufacturing company. Hyoscyamine has been obtained in high concentration from *Duboisia myoporoides* occurring naturally in certain localities in New South Wales. Supplies of naturally occurring *Duboisia* in Queensland and New South Wales are sufficient to meet requirements of both alkaloids for many years. Small plots of *Atropa belladonna* were grown in several localities during the season, and it is expected that the product will prove satisfactory. Adequate seed supplies have been harvested. Extensive areas of *Datura metel*, *D. stramonium*, *D. innoxiosa*, and *D. tatula* occur in Victoria, New South Wales and Queensland. Analyses have shown considerable variation in alkaloid content in different species and strains, and in material obtained from different localities. Selected strains have been cultivated at Canberra.

**Glycosides of Digitalis.**—Plots of *Digitalis purpurea* were grown in various localities during the season, and no difficulty was encountered in producing a satisfactory product. In one centre in Victoria, *D. purpurea* was produced on a commercial basis. Plots of *D. lanata* have been established, but samples have not yet been taken for analysis. It is expected that the plants will reach a suitable stage next season.

**Strychnine.**—A small number of seedlings of *Strychnos nux vomica* have been raised during the past season, and are growing at several centres in Queensland. It will be some years before the extraction of strychnine from the plants will be possible. A small plantation in the Kemp Welch River area in Papua is producing seed. Analyses of the seeds indicate a satisfactory content of alkaloids (1.36 per cent.). Analyses of the native species *Strychnos lucida* revealed the presence of brucine but not strychnine.

**Ephedrine.**—Seedlings of *Ephedra sinica*, *E. gerardiana*, *E. nebrodensis*, and *E. intermedia* have been raised at several centres. The species are of Indian origin, and are reported to contain ephedrine in appreciable

quantities. The reported ephedrine content of *E. gerardiana* is higher than that of *E. sinica*. Attention is being given to the possibility of locating alternative sources of supply in native or naturalised plants.

**Emetine.**—Root cuttings are being propagated at South Johnstone, Queensland, and native and naturalised plants of the *Rubiaceae* are being tested for emetine.

**Santonin and Filix-mas.**—Materials from plants of *Artemisia maritima* raised at Canberra are undergoing chemical tests of flower heads. Plants of *Filix-mas* are being raised from spores.

**Strophanthin and Ouabaine.**—Sufficient seedlings are being raised of *Strophanthus kombé* and *S. eminii* to provide essential Australian seed requirements. It is not expected that the plants will reach the stage of seed production in less than five years. Some attention has been devoted to the question of obtaining strophanthin or a substitute glycoside from *Asclepias curassavica*, *Gomphocarpus fruticosus*, and *G. physocarpus*.

**Ergot.**—Extensive trials have been conducted by the Victorian and New South Wales Departments of Agriculture. Analyses from only two centres, viz. Werribee South and Canberra, have been completed, and the quality of the product exceeded British Pharmacopoeia requirements.

**Quinine.**—Seedlings of *Cinchona succirubra*, *C. ledgeriana* and *Cinchona* hybrid (*succirubra* and *ledgeriana*) have been raised in several localities in Queensland, with the co-operation of the Queensland Department of Agriculture and Stock, the Forestry Subdepartment of Queensland and the Plant Acclimatisation Society of Queensland. It is proposed to lay down several one-acre plots as soon as the seedlings have grown sufficiently.

**Opium and its Alkaloids.**—Sowings of several varieties of *Papaver somniferum* made last spring in different localities demonstrated that this plant can be grown satisfactorily in Australia. Their suitability for morphine production, as manifest by the analysis of opium samples, was variable but satisfactory. Considerable progress has been made in evolving a satisfactory process for the extraction of morphine and codeine direct from the dried whole plant. Results have been sufficiently promising and conclusive to induce one manufacturing firm to decide to instal a single-unit pilot plant.

## DERRIS FROM INDIA

THE Forest Research Institute, Dehra Dun, India, recently published a note on the occurrence and cultivation possibilities in India of derris and other rotenone-bearing plants (Indian Forest Leaflet, No. 20). This states that a search for rotenone-bearing species capable of providing insecticides resulted in the discovery of rotenone in the following species indigenous to India: *Derris ferruginea*, *Millettia pachycarpa* and *Tephrosia candida*. The material is claimed to be sufficiently rich for the preparation of effective insecticidal emulsions of dusting powders, while improvement of species by selection of suitable strains and proper cultivation is claimed to be practicable.

*Derris elliptica* and *D. malaccensis* are not indigenous to India, but several other derris species found which, together with their rotenone and resin contents, are tabulated below:—

of two-year-old plants of *D. elliptica*, raised from cuttings obtained from Malaya, contained 22 per cent. ether-soluble matter and 7 per cent. rotenone. The plants are stated to be doing well, and second-generation plants are also flourishing. Equally encouraging results have been obtained in the Cochin State.

### Development of Trade in Derris

*Derris ferruginea* and *Millettia pachycarpa* are, at present, the only two indigenous species which are sufficiently rich in rotenone to be of insecticidal value, but, by present standards of quality of commercial derris (6 per cent. rotenone and 18-20 per cent. ether-soluble matter) they are too poor (maximum rotenone content about 2.5 per cent.) to be commercially attractive. However, the low rotenone content of the roots does not greatly detract from their value as insecticides

Name of species	Locality	Ether-soluble matter in air-dry sample, per cent.	Rotenone, per cent.	Other crystalline substance
<i>Derris uliginosa</i>	Sunderbans, Bengal	1.9	Less than 0.1	—
<i>D. uliginosa</i> ..	Chittagong, Bengal	2.0	do.	—
<i>D. cuneifolia</i> ..	Golaghat, Assam	1.2	do.	—
<i>D. marginata</i> ..	Assam	1.6	0.15	—
<i>D. monticola</i> ..	Assam	2.0	Less than 0.1	—
<i>D. robusta</i> ..	Gauhati, Assam	4.7	Nil	Crystalline substance, M.P. 190°. Tested at Rothamstead and found slightly toxic.
<i>D. scandens</i> ..	Chanda (C.P.)	6.7	Nil	Two crystalline substances: (i) M.P. 185°; (ii) M.P. 225°
* <i>D. ferruginea</i> ..	Different localities of Assam	2.5 to 4.5	0.74 to 2.4	—

\* A sample of *D. ferruginea* grown by the Silviculturist, Assam, was found to contain 6.1 per cent. of ether-soluble matter but no rotenone. The sample has been identified as *D. ferruginea*. Whether it is a rotenone-free variety of *D. ferruginea* or a different species has not yet been definitely established. Until the point is cleared up, the rotenone-bearing variety is being called *Derris ferruginea*.

### Cultivation of Derris in India

Attempts have been made to grow *D. elliptica* and *D. malaccensis* in Dehra Dun from cuttings received from Malaya. The plants appeared to grow well at the beginning, but during the cold and frosty weather suffered heavy casualties. Better results were obtained in Mysore, which possesses a more equable climate. Roots

because in derris dusts the root has to be diluted with an inert substance to contain, in the resulting preparation, 0.75 per cent. rotenone. Hence the Indian roots could be used to prepare a derris dust of the standard quality. If objection is raised on the ground of low resin content, it is suggested that this can be met by increasing the rotenone content of the dusting preparation



1 per cent. and making up the deficiency resins by adding the required quantity resins like colophony. Derris resins, it is pointed out, besides adding to the toxic effect of the dust, help in making the root articles stick to sprayed parts of plants.

From amongst the species mentioned in the table, *D. ferruginea* appears to be the only one which may prove of value, and details of examination of this plant are tabulated below:—

### Cultivation Experiments

All the samples mentioned in the tables were from plants growing wild in the forest, and the ages given are only approximate. It may be possible, the report states, to raise the rotenone and resin content by cultivation and selection of strain, and experiments have been begun to determine these points. Several other Indian species containing rotenone have been examined by the authors.

Locality	Description	Approximate age of plants	Moisture, per cent.	Totalet her extract	Rotenone, per cent.
Mirzapur, Lakhimpur Division	Mixed roots	—	8.7	2.54	0.74
	Thin roots	—	2.7	1.70	0.20
	Thick roots	—	5.3	1.00	Not weighable
	Thin roots	—	4.3	3.03	1.08
Bokaro Reserve, Jowong Division	Thick roots	—	5.7	1.60	0.14
	Thin roots	18-24 months	3.5	4.5	2.4
	Thick roots	—	3.8	2.7	1.0
	Thin roots	12-18 months	1.7	4.53	2.41
	Thin roots	18-24 months	3.9	4.14	2.26
	Thick roots	3 years and above	5.9	2.66	1.01
Bilachara, Cachar Division	Thin roots	—	4.9	4.04	2.34
	Thick roots	—	1.3	3.77	1.92
Juma Range, Goalpara Division	Thin roots	—	2.6	2.49	1.45
	Thick roots	—	4.49	1.18	0.94

Thin roots of diameter between  $\frac{1}{8}$  in. and  $\frac{1}{2}$  in. Thick roots of diameter between  $\frac{1}{2}$  in. and 1 in. and above.

## TRADE MARKS

From "The Trade Marks Journal," October 21)

AMPOGEN"; for vaccines, sera, or chemicals in solution for hypodermic injections or inhalation, for veterinary or human use, all being in ampoules (5). By Genatosan, Ltd., 43 Regent Street, Loughborough, Leicestershire. 615,778.

TERSOLA"; for pharmaceutical preparations for the feet (5). By N. H. Tertis, 223 Borough High Street, London, S.E.1. 618,421.

DEMEROL"; for pharmaceutical analgesic and antispasmodic preparations (5). By Proprietary Agencies, Ltd., 179-81 Acton Vale, London, W.3. 618,538.

NOLVATEX"; for all goods (5). By Imperial Chemical (Pharmaceuticals), Ltd., Wexham Road, Slough, Bucks. 618,648 (Associated).

GAYTABS"; for medicated tablets (5). By G. A. Young, 17 Shelley Grove, Southport, Lancashire. 618,829.

BENZEVAN"; for pharmaceutical preparations composed principally of benzyl benzoate, for human and veterinary use in treatment of parasitic conditions (5). By Evans Sons

Lescher & Webb, Ltd., 56 Hanover Street, Liverpool, 1. 618,906.

"PANORAL"; for antigens for oral use in treatment of hay fever (5). "SULFO-MERTHIOLATE" ("Sulfo" disclaimed); for pharmaceutical substances, being sodium *p*-ethyl mercurithiophenylsulphonate (5). "EPROLIN"; for pharmaceutical substances, being distilled natural tocopherols for vitamin-E therapy (5). By Eli Lilly & Co., 740 South Alabama Street, Indianapolis, U.S.A. 619,116; 619,122 (Associated); 619,124.

"DISOFAX"; for pharmaceutical preparations and substances, and disinfectants (5). By Wolverhampton Chemical Co., Ltd., Two Gates, Maidenhead Court, Maidenhead, Berkshire. 619,295.

"PLASTEX"; for liquid plaster preparations for use on bandaging materials (5). By Allen & Hanburys, Ltd., Plough Court, 37 Lombard Street, London, E.C.3. 619,325.

"ZIL" in script characters; for antiseptics (5). By Baro Laboratories, Ltd., 41 Boleyn Road, Dalston Junction, London, N.16. 619,575.

## TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

### 28 Essex Street, W.C.2, November 11

CONDITIONS in the London drug and chemical markets have been steady throughout the week, with most of the business coming from the home consuming trades. Orders have not been large, and the goods concerned have been acquired mostly for immediate use. Considerable interest has naturally been aroused in trade circles by the possibility of important economic developments in connexion with the North Africa campaign. As a result of the new moves by United Nations' forces a limited range of extremely valuable raw materials may become available to this and allied countries, and at the same time the enemy will be deprived of an important source of supplies. The distance by sea from French North African ports is not unduly long and, provided cargo and escorting vessels are available, it is possible that produce from these territories will eventually reach home markets. So far as the drug trade is concerned, few crude drugs, except perhaps some seeds such as coriander, fenugreek and cumin, have their origin in French North Africa, and in essential oils the only important items are geranium and neroli, which, being outside the food range, are not likely to be freely admitted. Other pre-war exports from French North Africa included olive oil, fruit juices, wines and phosphates. An outcome of the German decision to overrun the whole of France is to isolate Switzerland from contact with non-Axis countries. Business in the PHARMACEUTICAL CHEMICALS markets has again been of modest dimensions, with little of outstanding interest to report. Many manufacturers of chemical products are complaining of the attitude adopted by some of their customers towards the problem of returning containers. It is not enough in these days of restricted supplies of kegs, drums, bottles, etc., merely to return these articles in due course, and it would not be too much to say that in some cases delivery of important goods is being held up for the lack of suitable packages. Under present conditions the greatest possible care should be taken of all types of containers, which should be returned promptly and in good condition. (Suggestions for a quicker "turn-around" of empties were made in the *C. & D.*, October 3, p. 350.)

### Crude Drugs

In these commodities the bulk of the orders has come, as in the other markets from the home consuming trades, but the total business transacted has not been important. Sales of AGAR are confined to small lots for use in the preparation of bacteriological media, and no prices are mentioned. ALOES, in fair inquiry, continues to sell at unchanged rates. Most BALSAMS are in restricted supply, and prices of some are at slightly higher levels. CLOVES is now steady, but little business is passing. ERGOT remains a neglected item, with even the expected ordinary demand practically non-existent. Maximum sales prices have not yet been fixed for GINGER. GUM ACACIA is steady at the levels recorded last week. Firm conditions obtain for IPECACUANHA, which has again been in good inquiry. Business in NUX VOMICA continues inactive. RHUBARB is firm and in diminishing supply. SEEDS are dull, with prices inclined to be irregular. No change has occurred in the prices of WAXES.

### Essential Oils

The week has again been extremely quiet in these markets, with few price changes to record. ANISE (STAR) is being sold by dealers at last-mentioned prices, but the supply position is no easier. Some inquiry has been received for WHITE CAMPHOR, but here again only odd lots seem to be available. English distillers' prices of CLOVE are steady at the lower level recorded recently. Supplies of EUCALYPTUS are not plentiful, but no change has occurred in the price. Good demand has been received for PEPPERMINT, but the remaining supplies appear to consist exclusively of odd cases of Chinese.

### Exchange Rates on London

Bank of England controlled rates for certain currencies are unchanged. Among them are: New York, 4.03 dollars; Montreal, 4.45 dollars; Buenos Aires, 17.02 paper pesos; Dutch West Indies, 7.60 florins; Lisbon, 100 escudos; Stockholm, 16.90 kroner. The decision of Germany to occupy the whole of France has, of course, the effect of surrounding Switzerland and cutting it off from contact with neutral or allied territory. The Madrid rate is unchanged at 40.50 pesetas, and the value of the Chinese National dollar is at the slightly higher level of 3½d.



## Pharmaceutical Chemicals

**ATROPINE.**—Makers' prices per oz. are as follows: Alkaloid, B.P., 35s.; 4 oz., 34s. 6d.; 5 oz., 34s.; Sulphate, B.P., 28s.; 4 oz., 7s. 6d.; 25 oz., 27s.; METHYL BROMIDE and METHYL NITRATE, 65s.

**BENZOIC ACID.**—Supply position is unchanged. Makers' prices are from 2s. 6d. to 3s. per lb., according to quantity.

**BORAX.**—Makers' prices are as follows: B.P., granulated, £39 10s. per ton; crystal, 40 10s.; powder, £41. Commercial, £8 per ton ss. Packed in one-cwt. bags, delivered carriage paid Great Britain, in one-ton lots and upwards.

**CODEINE.**—Makers' prices for 4-oz. quantities are as follows: ALKALOID, 38s. 3d. per lb.; PHOSPHATE, 31s. 3d. per oz.

**GALLIC ACID.**—Current price of any available supplies would be about 7s. to 7s. 3d. per lb.

**GUAIACOLS.**—In reasonable supply at around 3s. to 14s. per lb. for CRYSTALS and CARBONATE. Some LIQUID is also stated to be available at from 14s. to 15s. per lb.

**HEXAMINE.**—Free-running crystals, in cwt. lots, about 2s. 3d. per lb.; fine crystals, about 2s. 6d. per lb. less.

**IODINE PREPARATIONS.**—Prices per lb. quoted by makers are as follows: POTASSIUM, B.P., 12 lb., 9s.; 28 lb., 9s. 6d.; 14 lb., 10s.; 7 lb., 1s. 6d.; 4 lb., 12s.; smaller quantities, 12s. 6d. SODIUM, B.P., 28 lb., 9s. 11d.; 14 lb., 10s. 5d.; 7 lb., 12s. 2d.; 4 lb., 12s. 10d.; smaller quantities, 13s. 8d. IODOFORM, B.P. (powder), 28 lb., 2s. 6d.; 14 lb., 13s.; 7 lb., 15s. 2d.; 4 lb., 16s.; smaller quantities, 16s. 10d.; (cryst.) 28 lb., 4s. 6d.; 14 lb., 15s.; 7 lb., 17s. 2d.; 4 lb., 18s.; smaller quantities, 18s. 10d. IODINE RESUBLIMED, B.P., 112 lb., 10s. 4d.; 28 lb., 10s. 10d.; 14 lb., 11s. 4d.; 7 lb., 13s. 1d.; 4 lb., 13s. 9d.; smaller quantities, 14s. 6d. All prices net. Any quantity delivered carriage paid throughout Great Britain.

**MAGNESIUM TRISILICATE.**—Home market prices have been advanced, as follows:—

Quantity	In containers of				
	1 lb.	4 lb.	7 lb.	14 lb.	28 lb.
1 lb. to 4 lb.	s. d.	s. d.	s. d.	s. d.	s. d.
4 lb. to 7 lb.	3 10	—	—	—	—
7 lb. to 14 lb.	3 9	7 1	—	—	—
14 lb. to 28 lb.	3 8	3 6 1	3 5 3	—	—
28 lb. to 1 cwt.	3 7	3 5 1	3 4 1	3 4 1	—
	3 6	3 4 1	3 3 1	3 3 1	3 3

prices net one month. Paper parcels of not less than 1 lb. free; other packages extra.

**MERCURY IODIDES.**—Makers' prices are as follows: RED, less than 7 lb., 20s. 8d. per lb.; or less than 7 lb., 20s. 2d.; not less than 14 lb., 9s. 8d. GREEN, less than 7 lb., 26s. 8d. per lb.; or less than 7 lb., 26s. 2d.; not less than 14 lb., 5s. 8d. YELLOW, less than 7 lb., 28s. 1d.; not

less than 7 lb., 27s. 7d.; not less than 14 lb., 27s. 1d. per lb. net, carriage paid.

**METHYL SALICYLATE.**—Makers' prices are as follows: Five cwt., 1s. 11d. per lb.; one cwt., 1s. 11 1/2d.; smaller lots, in bottles, 2s. 1 1/2d. per lb.

**PHENOLPHTHALEIN.**—As noted last week, makers have advanced their prices by three-pence per lb. New prices are as follows: Less than 7 lb., 4s. 6d. per lb.; 7 lb., 4s. 5d.; 14 lb., 4s. 4d.; 28 lb., 4s. 3d.; 1 cwt., 4s. 2d. Prices net.

**SANTONIN.**—No change in home-trade prices: 15 kilos and over, £46 10s.; not less than 10 kilos, £47 5s.; not less than 5 kilos, £48 5s.; less than 5 kilos, £50 per kilo, delivered free in the U.K.; 1-kilo packages free.

**SODIUM SALICYLATE.**—Makers' prices are as follows:—

Quantity	In containers of				
	1 lb.	4 lb.	7 lb.	14 lb.	28 lb.
Under 4 lb.	s. d.	s. d.	s. d.	s. d.	s. d.
From 4 lb. . .	3 3	—	—	—	—
From 7 lb. . .	3 2	3 0 1	—	—	—
From 14 lb. . .	3 1	2 11 1/2	2 10 1/2	—	—
From 28 lb. . .	3 0	2 10 1/2	2 9 1/2	2 9 1/2	—
From 1 cwt. . .	2 11	2 9 1/2	2 8 1/2	2 8 1/2	2 8
From 5 cwt. . .	2 6	2 4 1/2	2 3 1/2	2 3 1/2*	2 3
1 ton . . . . .	2 5 1/2	2 3 1/2	2 3 1/2	2 3*	2 2 1/2
	2 5	2 3 1/2	2 2 1/2	2 2 1/2*	2 2

\* 8 x 14 lb. and upwards, in one delivery, 1/2d. per lb. less. Prices include parcels or collapsible cartons; other packages charged extra. Prices subject to buyer's undertaking not to re-sell any quantities at prices or terms below scale current at time of re-sale.

**TANNIC ACID.**—Price would be in the region of 7s. 6d. per lb., but supplies are restricted.

**TERPINEOL.**—For medicinal use, about 3s. 6d. to 4s. per lb.

**VANILLIN.**—Makers' prices for material made from clove oil or guaiacol are as follows: Five cwt., 22s. 6d. per lb.; one cwt., 22s. 9d.; 56 lb., 23s.; less than 56 lb., 23s. 3d. Carriage paid in the United Kingdom. Tins and cases returnable.

## Crude Drugs

**AGAR.**—Business is confined to occasional orders for material intended for bacteriological use.

**ALOES.**—Inquiry has again been moderate; prices are without change. Cape, spot, 65s. to 67s. 6d. per cwt., according to holder; stocks at source appear to be small. Curaçao, 425s. per cwt., c.i.f.

**ANTIMONY.**—No changes have occurred in the price of English minimum 99 per cent. regulus, which remains at £120 per ton, delivered; 70 per cent. crude for the home trade is steady at £100 per ton delivered.

**BALSAMS.**—Small supplies of softish *Tolu* on spot are quoted at 9s. 9d. per lb.; *Canada*, in short supply, would be worth 8s. 9d. per lb.; *Peru* may be had on spot at 8s. 3d. per lb.; *Copaiba*, B.P., is unobtainable.

**BELLADONNA.**—No change has taken place in the spot price of Indian root (0.5 per cent.) at 460s. per cwt.

**BENZON.**—Demand has been moderate, and no price changes have occurred. Spot, ordinary grade, £16 to £25 per cwt., according to seller. Spot, free almondy, £33 to £35 per cwt. Supplies are not plentiful.

**BISMUTH METAL.**—The price of high-grade metal remains at 6s. 3d. per lb. for minimum 5-cwt. lots.

**BUCHU.**—Limited supplies of fair green rounds would be worth 6s. 3d. per lb. on spot.

**CAMPHOR.**—Nothing to report. Prices for natural grades are as follows: Chinese, B.P., spot, 11s. 6d. per lb.; crude (92 per cent.), ros.; Japanese slabs, 12s. Supplies of English synthetic, B.P., are understood to be available to approved buyers at 7s. 6d. per lb.

**CARDAMOMS.**—Quiet, with values of all descriptions steady. Aleppy green, spot, 5s. 3d. per lb.; shipment, 4s. 3d. per lb., c.i.f. Aleppy seed, spot, 5s. 9d.; shipment, 5s. 3d., c.i.f. Split seed, spot, 4s. 6d. to 4s. 9d. per lb., according to seller.

**CHILLIES.**—Spot price of Mombasa remains at 145s. per cwt.

**CLOVES.**—Values are now steady, with Zanzibar on spot at 1s. 6d. per lb., value; second grade, afloat, 1s. 4d. per lb., sellers. Madagascar, unquoted.

**COCOA BUTTER.**—A Ministry of Food Order fixes the maximum price at 1s. 5½d. per lb., ex factory or warehouse, except when sold under licence.

**COCONUT (DESICCATED).**—Ministry of Food controlled price remains at 49s. per cwt.

**DANDELION ROOT.**—Indian root on spot would be worth 140s. per cwt., but supplies are in small compass.

**DIGITALIS LEAVES.**—Spot price of good-testing Portuguese leaves remains at 125s. per cwt.

**DRAGON'S BLOOD.**—Re-boiled is no longer obtainable on spot. Some dull Zanzibar drop may be had at £21 per cwt., and seedy lump at £30.

**ERGOT.**—Demand is extremely poor. Old-crop, spot, 5s. 3d. per lb.; new-crop, spot, 5s. 9d. per lb.; shipment, Portuguese, 5s. per lb., c.i.f.

**GALANGAL.**—Spot material would be worth 90s. to 95s. per cwt., according to quantity.

**GINGER.**—Quotations are nominal, pending the fixing of maximum sales prices by the Ministry of Food. Any available spot supplies would be priced at: Cochín, unwashed, 210s. per cwt.; Calicut, 235s.; West African, 200s.

During April 69,977 lb. of ginger was exported from Sierra Leone. Of this quantity the United Kingdom took 69,731 lb., the remainder going to Gambia.

**GROUNDNUT.**—No change has occurred in the official prices of from £48 to £54 per ton, naked ex works, according to grade.

**GUM ACACIA.**—Steady at the figures quoted last week. Kordofan cleaned sorts, spot, 97s. 6d. per cwt.; afloat, 92s. 6d., landed terms; shipment, 65s. per cwt., c.i.f. A moderate quantity of bleached remains and may be had by consulting manufacturers at 145s. per cwt., ex warehouse, London.

**HONEY.**—Current prices for first-hand and wholesale transactions were given in the C. & D. May 9, 527.

**IPECACUANHA.**—Firm conditions continue with fair inquiry. Minas, spot, B.P., full 13s. 9d. per lb.; slightly under B.P., 13s. 3d. per lb. Matto Grosso, spot, 18s. per lb., but some holders would probably require more. Current prices for Ext. IPECAC. LIQ., in Winchester quarts, are as follows: B.P., 1932 under three, 26s. per lb.; three and under six 25s. 6d.; six and under twelve, 25s.; twelve and over, 24s. 6d. per lb. B.P., 1914, under three, 24s. per lb.; three and under six, 23s. 6d.; six and under twelve, 23s.; twelve and over 22s. 6d. per lb., all prices net.

**JABORANDI.**—There are spot offers at 60s. per cwt., ex store.

**JALAP.**—In fair inquiry; values are at the levels noted last week. Brazilian, 13 per cent. spot, 95s. per cwt.; 16 per cent., spot, 105s. 19.3 per cent., 130s., ex warehouse Liverpool.

**KAMALA.**—Six-per-cent. material is offered on spot at 2s. to 2s. 3d. per lb., according to seller.

**LIQUORICE ROOT.**—East Indian, spot, 70s. to 75s. per cwt., according to seller; South African 75s. per cwt.

**MENTHOL.**—Demand has again been fair. Chinese, spot, 72s. 6d. to 75s. per lb. Japanese spot, if available, 75s. per lb.

**MERCURY.**—Full particulars of current official prices, which range from £68 10s. to £69 15s. per bottle for quantities over 7 lb., were given in the C. & D., August 1, p. 131.

**MYRRH.**—Demand steady, with supplies in small compass. Aden sorts, spot, £18 per cwt.

**NUX VOMICA.**—Business continues uneven, with Cochín, washed and garbled, selling on spot at 42s. 6d. to 45s. per cwt., according to seller.

**OLIBANUM.**—Fresh supplies are awaited.

**ORANGE.**—The spot price of any small remaining lots of thin-cut and quarters would be 3s. 3d. per lb.

**PAPAIN.**—Spot, nominal at 16s. per lb.

**PEPPERS.**—Maximum official price of whole white Muntok, not picked over or cleaned, is 8d. per lb. in bond; whole black Lampong of similar grade, 5d. per lb., in bond. As noted recently, quotas for the shipment of pepper from India are being arranged.

Exports of peppers to the United Kingdom from Sierra Leone during April totalled 22,154 lb.

**PIMENTO.**—No change has occurred in the spot price, which stands at 2s. 7d. per lb. sellers; shipment prices are not quoted.



**PODOPHYLLUM.**—*Emodi* (15 per cent.) may be had on spot at 82s. 6d. per cwt.

**PSYLLIUM SEED.**—Indian, steady on spot at 3d. per lb.

**QUILLAIA BARK.**—Prices are as follows: natural bark, afloat, 80s. per cwt., c.i.f.; tished or cut, spot, 115s. per cwt.

**RHUBARB.**—In fair inquiry; prices firm. Ground rough-round on spot would be 71s. 6d. to 7s. 9d. per lb., and slightly wormy, 3d. to 7s. 6d.

**SAPONIN.**—Spot, 7s. 6d. per lb., ex store verpool; shipment, 6s. 6d. per lb., c.i.f.

**SARSAPARILLA.**—Occasional orders are received for native reddish, which is worth 2d. per lb. on spot.

**SEEDS.**—Again dull, with values a little difficult to assess. **ANISEED.**—No supplies.

**ANISEED.**—None available. **CARAWAY.**—No supplies. **CORIANDER.**—Indian, none available; English, quoted at 220s. **CUMIN.**—Malta, 165s., duty free; Indian, 165s. **DILL.**—Spot, quoted at 170s. **FENNEL.**—Indian, business done on spot at 105s., duty free. **FENUGREEK.**—Nothing available. **MUSTARD.**—New-crop English, 130s. per cwt.

**SENEGA.**—A few bales are understood to remain. Spot price would be 7s. 9d. to 8s. per lb.

**SENNA.**—Good hand-picked Tinnevely pods in be bought at from 11d. to 1s. 2d. per lb.; ordinary grade would be 10d. to 11d.; and 11d. 6d. to 7½d. Hand-picked Alexandrian pods, from 3s. 6d. to 6s. per lb., according to quality. Leaves are priced as follows: Leaves: Tinnevely No. 1, 9d. to 10d. per lb.; No. 2, 10d. to 7½d.; No. 3, 5½d. to 6d.; Alexandrian, 10s. 1s. 3d. to 1s. 4d. per lb.

**SHELLAC.**—Inactive; prices unchanged. Standard TN orange, spot, 205s. per cwt., blue; pure button, unquoted; fine orange, 20s. to 290s. quoted.

**SLIPPERY ELM BARK.**—Price to users of Leasehold material is 1s. 6d. per lb., ex store. Most of it is understood to have been distributed.

**SQUILL.**—Indian bulbs, cut and dried, offered on spot at 80s. per cwt. Red, unobtainable.

**STRAMONIUM LEAVES.**—Small spot supplies Indian can be had at 105s. per cwt.

**TRAGACANTH.**—Values are unchanged; business quiet. Current prices of medium grades are as follows: No. 1, white, £118; No. 2, white, 100; No. 3, white, £92; No. 4, white, £75; blue leaf, £70; amber leaf, £58; red and brown leaf, £35; red leaf, from £28; woody and hoggy, from £15, ex store.

**TURMERIC.**—Sound-quality Madras, spot, 1s. 6d. per cwt.; wormy, spot, 65s.

**VALERIAN ROOT.**—In small compass on spot. Value would be 105s. per cwt., ex store.

**WAXES.**—Unchanged and quiet. **BEES'.**—Supplies are obtainable, but only by application through members of the Association of Merchant Distributors of Beeswax. **CARNAUBA.**—Fatty acid, 480s. per cwt.; chalky grey, 465s.; limeira, 560s.

## Essential and Expressed Oils

**ANISE (STAR).**—Occasional inquiries are being received for genuine Red Ship oil, and dealers are reported to be doing business on the basis of 53s. to 55s. per lb. Supplies, however, are not easy to find.

**BAY.**—The value of small spot supplies would be in the region of 12s. to 13s. per lb., according to quantity.

**BERGAMOT.**—Business in any remaining supplies of genuine oil would be negotiated on the basis of 100s. per lb. Artificial substitutes are available from British manufacturers at lower prices.

**BOIS DE ROSE.**—Present spot value would be in the region of 42s. per lb.

**CAJUPUT.**—Spot, from 15s. to 16s. per lb., according to quantity.

**CAMPOR (WHITE).**—Some inquiry has been received, but supplies are difficult to locate. An odd drum may be available on spot at about 600s. per cwt.

**CANANGA.**—In restricted supply at around 60s. to 70s. per lb., according to quantity.

**CASTOR.**—Controlled prices are: Firsts, £60; seconds, £58 per ton, both naked ex works.

**CEDARWOOD.**—Nominal at 6s. 6d. per lb.

**CINNAMON LEAF.**—In moderate supply on spot at about 15s. to 15s. 6d. per lb.

**CLOVE.**—English distillers' prices unchanged at about 14s. per lb.

**COTTONSEED.**—Official price remains at £49 per ton, naked ex works.

**EUCALYPTUS.**—About 5s. 6d. per lb. on spot is asked for 70 to 75 per cent. oil, which is in restricted supply.

**FENNEL.**—Sweet, obtainable on spot at around 35s. per lb.

**GERANIUM.**—About 80s. per lb. would be the basic price of any available supplies, but the precise figure would have to be negotiated.

**GINGERGRASS.**—Available on spot at approximately 25s. per lb.

**PALMAROSA.**—Not in good supply; price remains at about 32s. 6d. per lb. on spot.

**PATCHOULI.**—Spot, nominal at 70s. per lb.

**PENNYROYAL.**—Spot price of good-quality oil remains at approximately 35s. per lb.

**PEPPERMINT.**—Demand has again been good. Some spot business is reported in Chinese oil at 87s. 6d. per lb., with further buyers at this figure. Any remaining odd cases, however, would probably fetch about 90s. per lb.

**PETITGRAIN.**—Spot, if available, would be worth about 22s. 6d. to 24s. per lb.

**ROSEMARY.**—About 16s. per lb. would be the present spot price.

**SASSAFRAS.**—Obtainable on spot at between 18s. and 19s. per lb., according to quantity.

**SPIKE.**—Spot, about 25s. per lb.

**THYME.**—High-quality would be worth around 25s. per lb.; other grades cheaper.

## CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

### The Dewar Centenary

SIR,—“Xrayser’s” note on Professor James Dewar (*C. & D.*, November 7, p. 466) is a reminder of an unforgettable incident in my own experience. The centenary of the Royal Institution was celebrated in 1899 amid great *éclat*. A banquet, presided over by the Duke of Northumberland, was attended by King Edward VII (then Prince of Wales), the Duke of Cambridge and a galaxy of famous international scientists. British pharmacy was represented by Mr. Michael Carteighe. The Centenary Lecture was delivered by Lord Rayleigh, with the Prince of Wales in the chair. But the centenary proceedings reached what was described as “a brilliant and triumphant climax” in the lecture at the Royal Institution by Professor Dewar on the “Liquefaction of Hydrogen.” It was my good fortune to be one of the audience at that lecture, and the assembly, as one can imagine, was crowded, brilliant and fashionable, for Dewar was then at the height of his fame. It so happened that at a previous meeting Dewar had tried to show liquefied hydrogen, but something had gone wrong, and the experiment failed. The excitement in the audience, and on the platform, was therefore intense, and Dewar had difficulty in suppressing attempts at applause, pointing out that silence was absolutely necessary for the successful conduct of the experiment. After that the attention of everyone was concentrated on the lecturer and eventually for the first time in history “liquid hydrogen was publicly shown boiling in a vacuum tube surrounded by liquid air. Then followed a series of beautiful experiments to prove that the liquid was actually hydrogen, and at the close Lord Kelvin broke the rigid rule of the Institution by proposing a vote of thanks to the lecturer. Dewar certainly possessed “a compelling artistry,” but he was not lacking in the human touch. For, though obviously delighted—not to say elated—at his success, the greater part of his reply to Lord Kelvin consisted in mentioning the help he had received from his immediate helpers and particularly his admirable assistant, Mr. Robert Lennox. “You see him there,” he said, “sitting on the floor. And I don’t wonder at it, for the production

of liquid hydrogen is no easy matter. He has been on his feet since nine o’clock this morning, and has ensured our success this evening by the exercise of that careful consideration and forethought which is characteristic of the country from which both of us originate.”

Yours faithfully,  
Surbiton. WILLIAM CHALMERS.

## MISCELLANEOUS INQUIRIES

**Decolorised Jam.**—*W. A. S.*—The explanation of the loss of colour is the presence of sulphur dioxide in the gelatin. The dioxide is the active constituent in Campden preserving tablets and solution, and fruit bottled for preserving by the solution invariably loses its colour; though the colour does return to some extent when the fruit is heated and the dioxide driven off. Some colour could be restored to the jam by heating it up and adding a suitable colouring matter.

**Quebracho.**—*W. J. C.*—We have been unable to trace the variety of quebracho to which you refer. The one generally met with in the drug trade is *Aspidospermum quebracho*. This is usually employed as a bitter and has been given as a tonic and febrifuge in the form of a tincture or liquid extract. The bark contains a number of alkaloids, including aspidospermine, yohimbine and quebrachamine. It also contains starch and tannin. The tree is indigenous to the central and western districts of the Argentine.

**Remedies for Cancer.**—*J. W. H. D.*—Presumably the reason why cancer is not mentioned in the Pharmacy and Medicine Act, 1941, is because there is a special Act, the Cancer Act, 1939, already dealing with the matter. This Act has three provisions, the third of which prohibits any person taking part in the publication of any advertisement, etc., containing an offer to treat any person for cancer, to prescribe any remedy therefor, or to give any advice in connexion with the treatment, or to refer to any article in terms calculated to lead to the use of that article in the treatment of cancer. The prohibition does not apply to an advertisement directed to certain persons, including registered pharmacists and authorised sellers of poisons. You will notice that these prohibitions are similar to those incorporated in Section 8 of the Pharmacy and Medicines Act.



# NUPERCAINE

*A gesture in the  
public interest*

To remove all confusion arising from the  
similarity of the names of the well-known  
local and spinal anaesthetic

## PERCAINE

Trade Mark Registered 1918

and PROCAINE, the official name for  
another local anaesthetic in the 1932  
British Pharmacopoeia, Ciba have decided  
to adopt throughout the British Common-  
wealth the name

# NUPERCAINE

At the same time, the name PERCAINAL,  
analgesic and anti-pruritic ointment con-  
taining 1% Percaine, will be changed to

*Nupercainal*

As soon as it is practicable, packages and  
literature will be altered in accordance  
with this decision. The co-operation of  
all concerned is invited in establishing the  
new name

★  
Supplies through usual channels.  
Price List on Application.  
★



THE LABORATORIES, HORSHAM, SUSSEX.

Telephone: HORSHAM 1234.

Telegrams: CIBALABS, HORSHAM.

NO  
P.S.I. PERCAINE-ADRENALIN  
Boxes of 10 ampoules  
Each Ampoule contains  
oxycinchonine 20  
0.200

NO  
P.S.I. PERCAINE (Spinal)  
Boxes of 12 amp  
Each Ampoule  
oxycinchonine

P.S.I.

P.S.I.

**B R O M I D E S**

(Ammonium Potassium and Sodium B.P.)

*now produced in PALESTINE by*  
**PALESTINE POTASH LTD.** *for export to*  
**NEAR, MIDDLE and FAR EAST and AUSTRALASIA**

*Submit Enquiries to:—*

**HOWARDS & SONS, LTD., ILFORD, ESSEX**  
**MAY & BAKER, LTD., DAGENHAM, ESSEX**  
**WHIFFEN & SONS, LTD., FULHAM, S.W.6**

**PALESTINE POTASH LTD.**

Registered Office:  
 62 PALL MALL  
 LONDON, S.W.1

Sole Selling Agents:—  
**C. TENNANT SONS & CO. LTD.**  
 15 America Square, London, E.C.3

Potash House  
 King George Avenue  
 JERUSALEM

Manufacturers of **TANNIC ACID** (Bulk Supplies Only)

**ALL QUALITIES**

**THE BRITISH DYEWOOD COMPANY LTD.**  
**19 St. VINCENT PLACE, GLASGOW, C.1**

Telephone: **CENTRAL 4425**Telegrams: **DYEWOOD**

WE SPECIALIZE IN  
 THE MANUFACTURE OF

**GALLIC ACID-PYROGALLIC ACID**

PURE &amp; TECHNICAL

RESUBLIMED, PURE CRYSTAL &amp; TECHNICAL

**WHOLESALE & EXPORT ONLY. Enquiries Invited****J. L. ROSE, LIMITED, ABBEY ROAD, BARKING, ESSEX**TELEPHONE: **RIPPLEWAY 2763**TELEGRAMS: **"GALLIC, BARKING."**



# ESTERSIL

*A Household remedy  
for Aches & Pains—*



commended by **THE MEDICAL PROFESSION**  
**RHEUMATISM · SCIATICA · LUMBAGO**  
**AND KINDRED AILMENTS**

ESTERSIL is used by professional masseurs  
physical culture experts for the  
of stiff muscles. You can advise its  
as a household remedy with complete  
evidence.  
oz. bottle 3/4 (including Purchase

*Johnsons*

**OF HENDON**

**JOHNSON & SONS Manufacturing Chemists LTD., HENDON, N.W.4**

**Graesser**  
**QUALITY**  
★

## PHENOL

**META-PARA CRESOLS**  
**ORTHO CRESOL**  
**CRESYLIC ACIDS**  
**XYLENOL MIXTURES**

All prepared and standardised under direct  
personal control backed by 40 years' experience

**N. H. GRAESSER**

The Chemical Works, SANDYCROFT, Nr. Chester  
Grams: Graesser, Chester. Phone: Howarden 3104-5

**GRAESSER SALICYLATES**  
**LIMITED**  
Manufacturers of Fine Chemicals  
**SANDYCROFT**  
**CHESTER, ENGLAND**

## SODIUM SALICYLATE B.P.

Subject to war limitations our  
services are available and  
at the disposal of consumers.



*Ample supplies available  
In case of difficulties  
communicate direct with us*

**RETAIL PRICE**  
50's — 3/4s  
500's — 27/8s  
(INCLUDING PURCHASE TAX)

**BIOLOGICAL TREATMENT OF**  
**CONSTIPATION**

CONTINENTAL LABORATORIES LTD, BRUNEL ROAD, LONDON, W.3.



## TO PHARMACISTS OF THE NORTH WE OFFER

PROMPT SERVICE: KEEN PRICES: SOUND QUALITY, AND FREQUENT  
MOTOR VAN DELIVERIES IN THE TYNE, WEAR AND TEES AREAS

For fuller particulars consult page 66

THE CHEMIST & DRUGGIST DIARY AND YEAR-BOOK, 1936

BRADY & MARTIN, LTD., Northumberland Rd., NEWCASTLE-ON-TYNE



# NEPENTHE.

THE SAFEST AND BEST  
PREPARATION OF OPIUM

The word "Nepenthe" is registered under the Trade Marks Act, and is our exclusive property. No Substitute may be dispensed when "Nepenthe" is ordered in a prescription. "Nepenthe" comes within the regulations of the Dangerous Drugs Act, 1920.

FERRIS & COMPANY, LIMITED, BRISTOL

## Tablets and Pills Packed on Bulk

**ASPIRIN**  
**CASCARA**

and all

**TABLETS and PILLS**

Private formulae Pills and  
Tablets carefully and ac-  
curately prepared at lowest  
possible prices.

Latest Automatic Pill Plant.

WE SHALL WELCOME EN-  
QUIRIES AFTER THE WAR.

**CASTLE HUSKISSON LTD**

MANUFACTURING CHEMISTS

SWINTON WORKS, MOON ST., ISLINGTON

LONDON, N.1

Telephone: Canonbury 3466

ESTABLISHED 1768



# ALKALOIDS

## FINE CHEMICALS & OPIUM DERIVATIVES

ALOIN • ATROPINE • BISMUTH SALTS • CAFFEINE •  
CANTHARIDIN • CAPSICIN • CHLOROFORM • CHRYSAROBIN •  
CODEINE • DIAMORPHINE • ERGOTIN • ESERINE •  
ETHYL-MORPHINE • GINGERIN • JALAP RESIN •  
LEPTANDRIN • MORPHINE • OPIUM • PODOPHYLLIN RESIN •  
SALICIN • SANTONIN • SCAMMONY RESIN • STRYCHNINE  
AND OTHER PHARMACEUTICAL CHEMICALS AND PREPARATIONS.

## CHLORAL HYDRATE • EPHEDRINE

*Goods covered by Dangerous Drugs Acts offered subject to all regulations*

# T. & H. SMITH LTD.

Blandfield Chemical Works, Edinburgh, 11  
32 Virginia Street, Glasgow, Cl.

And at London

## N. S. DANGOOR LTD.

37/41 GRACECHURCH STREET  
LONDON, E.C.3

Phone

MANSHION HOUSE 4781

DIRECT IMPORTERS

## GUM TRAGACANTH

Flake and Powder Supplied  
Samples sent on request

# MILLAMALT

*The* VITAMIN  
MALT FOOD

With Guaranteed Complement of Vitamins A, B, C & D  
*Sole Manufacturers,*  
JEFFREYS, MILLER & Co. Ltd. Leyland Mills, WIGAN. London Dept. 19 Brookside Road, N.19

## BURNSIDE'S EUCALYPTUS OILS

Distilled in Australia by the largest distillers and refiners of Eucalyptus Oils  
in the world—W. K. BURNSIDE, PTY., LTD., MELBOURNE, AUSTRALIA.

80/85% B.P.  
Oil Euc. Dives 40/45%  
Oil Euc. Citriodora

70/75% B.P.  
Piperitone 90/95%  
Oil Euc. Phellandra

Phellandrene

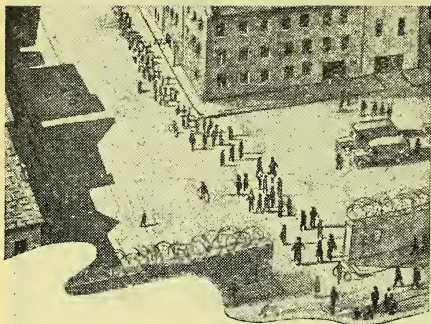
UNIFORMITY OF QUALITY      CONSISTENCY OF ODOUR

**Agents for U.K.: WILSON & MANSFIELD LTD. 15 Philpot Lane, London, E.C.3**

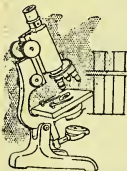
Phone: MANSHION HOUSE 9264-5-6

(WHOLESALE ONLY)

'Grams: WYFIELD, LONDON



## Home Front . .



For those who make the weapons, as for the men who use them, good general health is essential to maximal effort and optimal efficiency.

The common cold, so widespread and therefore liable to be accepted as a matter of course, is probably responsible for the loss of more working hours than any other single condition.

For aborting colds or curtailing their course, the Karsodrine Inhaler has proved to be signally effective. The volatile vaso-constrictor contained rapidly de-congests the swollen and inflamed vasol mucosa, restoring patency to the air passages, facilitating discharge of secretions, and bringing prompt symptomatic relief to the patient. The incidence of unpleasant and disabling complications such as sinusitis is notably reduced, and return to full working efficiency accelerated. Compact, safe and particularly convenient in use — there is only one cap to remove — the Karsodrine Inhaler greatly commends itself to patients.

Retail Price 1/6 (Inc. Tax)



**FORMULA:** Amphetamine, 0.330 grm.; Cincole, 0.093 grm.; Ol. Citronell, 0.026 grm.; Methyl Salicyl, 0.023 grm.; Ol. Cedri, 0.005 grm.; Menthol, 0.049 grm.; Ol. Eucalypt, 0.089 grm.

Apart from its assured efficacy the Karsodrine Inhaler is an excellent financial proposition. The Retail Price is 1/6d. (inc. tax), which yields up to 5/2½d. per dozen profit. This applies equally to small quantities if ordered with other "Griffiths Hughes" products.

E. GRIFFITHS HUGHES  
LIMITED

A PRODUCT OF



ADELPHI, SALFORD, 3.  
MANCHESTER

LABORATORIES

## DERMALON OINTMENT

(Ung. Dermalon Gale)

Registered Trade Mark

### FOR GENERAL USE IN SKIN DISEASES

Eczema, Psoriasis, Acne, Pruritis  
Ulceration, Scalds, Boils, etc.

Attractive 2-oz. Pots

DISPLAY SHOWCARD  
SUPPLIED

GALE, BAISS & COMPANY  
LIMITED

274-276 Ilberton Road  
LONDON, S.E.15

Phone: New Cross 0094

Grams: Dreadnought, Peck, London

## KARMOID

The Pleasant

### LAXATIVE TABLETS

C.F. and P.A.T.A.

Obtainable from all  
Wholesalers in three  
sizes to retail (including tax) at

8½d., 1/5, 3/4½

or direct from

INTERNATIONAL LABORATORIES, LTD.  
CHARLBURY OXFORD

Phone: Charlbury 29



# "OXOID"

The word "OXOID" is the trade mark of OXO Ltd., and is used in connection with their therapeutical preparations both in tablet and fluid extract form.  
ORGANO-THERAPEUTICAL PRODUCTS

## OXO LABORATORY PREPARATIONS

for PERNICIOUS ANÆMIA

### OXO LTD'S LIVER EXTRACT FOR INJECTION (I.M.)

A highly potent preparation for the treatment of pernicious anæmia.

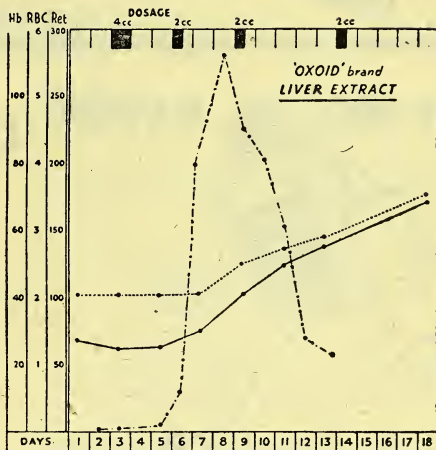
Dosage in emergency cases is 4 c.c. initial dose, followed by 2 c.c. at three days intervals in the first week and 2 c.c. at weekly intervals subsequently. This will usually raise the blood count to normal in a few weeks.

Maintenance dose : 2 c.c. monthly.

Supplied in ampoules of 2 c.c. and  
Bottles of 10 c.c. and 20 c.c.

Ampoules : 6 (6/6) ; 12 (12/6) ; 50 (48/-) ;  
100 (92/-).

Bottles : 10 c.c. (4/9) ; 20 c.c. (8/6).



#### KEY TO GRAPH.

- ..... Haemoglobin per cent.
- Red blood corpuscles in millions.
- Reticulocytes per 100 red cells.

**OXO LIMITED, Thames House, London, E.C.4**

Vironita is manufactured under independent analytical control, and fulfils the special requirements of a consulting scientific and analytical staff with regard to purity and quality.

All stocks of Vironita on sale bearing the formula label are warranted to comply with the Food & Drugs Act, the Pharmacy & Medicines Act 1941, and all Statutory requirements.

### IMPORTANT NOTICE

We desire again to emphasise that all stocks without the formula label must be withdrawn from sale and from exhibition. Please advise us immediately what stock without the formula label you have, so that we may arrange to replace with new stock free of charge.



NO  
LICENCE  
REQUIRED

# VIIRONITA

Pronounced VYRO-NIGHT-A

M. CALTHORPE & CO., Vineyard Works, Ossett

## THE BIG WINNER



# PROPAX

REGD. TRADE MARK  
PAIN RELIEVING TABLETS

#### TRADE TERMS (P.A.T.A.)

Retail		Wholesale	
6½d. inc. P.T.	4/5 doz. (packed in 3 doz. display outer)		
1/5	11/3	1	" "
2/6	19/3	1	" "

Sole Distributors:—

**SPLENDOR LTD., 5 Beestmarket Hill, NOTTINGHAM**  
and 7c Lower Belgrave Street, London, S.W.1

## CONTROL OF HEAD LICE

Nits and Head Lice can now be dealt with quickly and economically without unpleasant evidence of treatment.

An approved formula now being used extensively by Public Health Authorities.

## Semprolia

### INSECTICIDE

for the Control of Nits and Head Lice



**SEMPROLIA IS IN URGENT AND RAPIDLY INCREASING DEMAND.**

Retail (2-oz.) 1/1½d. including P.T. List. 8/- doz.  
Packed in 2-dozen outers.

**STEMCO LTD., 128, Albert Street, London, N.W.1**





# This Winter's No. 1 Line

**WE RECOMMEND  
MEGGEZONES**



Above are shown, in miniature, three of the new MEGGEZONES advertisements which are appearing now in National Newspapers and Magazines, and in leading Newspapers throughout the Provinces.

Because they are the leading preparation for relieving the most acute catarrhal conditions the demand for MEGGEZONES would, in any case, be great this winter. Backed by this forceful advertising, however, the demand will be overwhelming.

Orders will be filled in strict rotation.

MEGGEZONES advertisements are appearing in, amongst other, the following media:—

PUNCH, DAILY MIRROR, THE LEADER, SUNDAY DISPATCH, SUNDAY CHRONICLE, STAR, EVENING NEWS, EVENING STANDARD and in 38 Leading Provincials.

MEGGESON & CO., LTD., LONDON, S.E.16

# MEGGEZONES

**FOR COUGHS, COLDS, CATARRH**  
**1/6 FROM ALL CHEMISTS**



**HORMOTONE "T" BRAND**

*now made in Britain*

Also available from stock:  
HORMOTONE Brand, bottles of 100 & 500 tabs.  
HORMOTONE Brand without POST-PLUTITARY, bottles of 100 tabs.  
TRYPSOGEN Brand, bottles of 100 and 500 tabs.  
TRYPSOGEN Brand (special-coated), bottles of 100 and 500 tabs.  
COLOPO Brand bottles of 40 tabs.

By arrangement with their British agents, the principal products of G. W. Carnrick Co. of U.S.A. are now manufactured in Britain.

Orders for "HORMOTONE" "T" Brand or any of the other products listed at side can be accepted for immediate delivery from stock.

Order through your usual wholesaler or direct from sole distributors. "HORMOTONE" "T" Brand in bottles of 40 tablets only "HORMOTONE" Brand in bottles of 100 and 500 tablets.

**G. W. CARNRICK CO.**

Newark, New Jersey, U.S.A.

DISTRIBUTORS

Brooks & Warburton, Ltd., 232 Vauxhall Bridge Road, S.W.1



## GLAND SUBSTANCES

IN POWDER, SOLUTION, TABLETS, INJECTIONS

Including:-

**LIVER : THYROID**  
**ADRENALIN : PITUITARY**  
**ORCHITIC : OVARIAN**  
**STOCKS AVAILABLE**

We Specialise in  
"OWN FORMULA" Pharmaceutical Products—in Tablets, Solutions, Ampoules or Capsules, and invite Trade enquiries for Home and Export.

All our well-known specialities are obtainable through your wholesalers.

**BRITISH MADE BY**  
**GEDEON RICHTER LTD.** (Gt Britain)  
RICHTER HOUSE, WEEDINGTON ROAD,  
LONDON, N.W.5  
TELEPHONE, GULLIVER 3478-5

STILL THE BEST REMEDY FOR

# ASTHMA

**Dr. SINGHA**  
**ASTHMA**  
**TABLETS**

A LONDON CHEMIST writes:  
"I am delighted to recommend Dr. Singha Tablets to my Asthma-suffering customers, as I am convinced there is no remedy to equal it."

Prices: 1/6, 5/-, 12/-, 20/-  
(exclusive of Purchase Tax)  
**THE DR. SINGHA CO., LTD.**  
CAERNARVON  
NORTH WALES





*the Tablet which keeps  
the Asthmatic in the  
'Front Line' of War Work*



**RETAIL PRICES**  
INCLUSIVE OF TAX  
1/1½ 3/4 11/10

**INTERNATIONAL LABORATORIES LTD**  
**CHARLBURY, OXFORD** • Telephone: Charlbury 29

FOR YEARS A UNIVERSAL NEED, HAS NOW WON PUBLIC APPEAL

**EVERY PERSON ENTERING  
OUR STORE REQUIRES**

UNLIMITED SUPPLIES  
RETAILED AT  
**2/3, 4/2, 6/8**  
INCLUDING PURCHASE TAX

**PLESOX**

OTHER FOR HIMSELF OR A FRIEND OR RELATIVE  
or **LASTING RELIEF** from  
**INDIGESTION** and more  
serious **STOMACH AILMENTS**

In grateful customers with PLESOX, the  
modern stomach treatment, backed by wide  
publicity in the National and Provincial Press.  
Why lose sales? Order now 1 doz. Trial size  
(1/3) in attractive display carton.—Artistic Show-  
room.—Free Pamphlets, each worth a sale.



SO For MORNING SICKNESS and other toxic conditions of PREGNANCY "GRAVOMIT"  
**RANTO LABORATORIES LTD., (Dept. C.D.), 128 MORTLAKE ROAD, KEW**

# FRANCO-BRITISH ELECTRICAL CO. LTD.

*For Ampoules & Vials.* HUNSLET · LEEDS · 10

<sup>66</sup> *The*  
**CASH**<sup>67</sup>  
CAPTIVE BOLT PISTOL



FOR CATS, DOGS AND  
ANY SIZED ANIMAL

GIVES INSTANTANEOUS UNCONSCIOUSNESS  
—SAFE, SIMPLE, CLEAN, ECONOMICAL—  
RECOMMENDED AND USED BY THE R.S.P.C.A.

ACCLES & SHELVOKE LTD., ASTON, BIRMINGHAM 6

## USED TEA CHESTS, CARTON WOOD BOXES GUM TAPE

LARGE STOCKS CARRIED

The Buckinghamshire Paper & Box Co. Ltd.  
Devonshire Works, Chiswick, London, W.

Phone: Chiswick 2954/5/6

## GUMS TRAGACANTH AND AGACIA

As Imported or Finely Powdered  
ALL GRADES

FREDK. FINK & CO., 1 Fenchurch Street, London, E.C.3  
Telephone: Mansion House 8119

## MARRSONA

YEAST FOR ANAEMIA

MIDGLEY & PARKINSON, LTD.  
WARREN WORKS, PUDSEY, LEEDS

## Senna

FROM OUR OWN GROWERS Alexandrian & Tinnevely  
Pods, Leaves, Siftings  
John Ronaldson & Co. Ltd., Telephone:  
15 Seething Lane, London, E.C.3 Royal 6860

## TAMPAX

*Sanitary Protection WORN INTERNALLY*

Sole Distributors: Splendor Ltd., 5 Beastmarket Hill, Nottingham,  
ham, for Tampax Ltd., Belvue Road, Northolt, Middlesex

## JACKSON'S FEBRIFUGE

FOR QUICK SALES

George Jackson & Sons Ltd., Harpurhey, M/cr.9

Write for  
our  
special  
terms



### A STEADY INCOME

—is assured if you stock  
E.N.T. Powders and  
Capsules. Good stock,  
Good formula and good  
profit bringers.

E.N.T.  
MANUFACTURING CO. LTD.  
431 Gloucester Rd. Bristol 7

## HOMŒOPATHIC MEDICINES

SHOWCASE AVAILABLE

Terms on application

*Leath & Ross Laboratory*

342 Kilburn High Road, London, N.W.6



Adapted for  
Headache, Neuralgia  
and other powders

## CACHETS "FINOT"

17 Sizes to fit various  
types of machines

COOPER SON & Co., Ltd.

120 Gloucester Road,  
LONDON, S.W.7



## "HOBSON'S CHOICE Feet Plaisters & Powder

Backed by a long-standing reputation and widespread Trade Railway and Newspaper Advertising, these famous products are in greater demand than ever. Have you got stocks?

HOBSON TRIMBLE & CO. LTD.  
Union House, Leeds, 2



# A Profit Maker



## in constant demand

... and supplies are available

Present conditions are increasing the demand for Snowfire Ointment. With the ever growing amount of manual work in hand, minor injuries are much more common. Therefore, because it is antiseptic AND healing, Snowfire Ointment is of particular value today. And the demand is increased by the extensive advertising. London evening newspapers,

provincial dailies and weekly illustrated publications are carrying Snowfire Ointment advertisements. Benefit from sales-making conditions by stocking Snowfire Ointment NOW.

**HEALS** cuts, burns, scalds, scratches, inflammation.

**IN JARS** retailing at 1/-  
(including Purchase Tax)

F. W. HAMPSHIRE & CO. LTD., MANUFACTURING CHEMISTS, SUNNYDALE, DERBY.



Member of the  
Chemists Friend  
Association

## ***Announcement***

# **“ZEMS”**



Member of the  
Chemists Friend  
Association

## **HERBAL LICORICE TABLETS**

THE BEST MEDICATED TABLET FOR,  
COUGHS, COLDS, ASTHMA, BRONCHITIS, ETC.

*We have now joined Chemists Friend Association*

SUPPLIES MAY BE OBTAINED FROM C.F. WHOLESALE HOUSES

**ZEMS, LTD., 718-724 SEVEN SISTERS ROAD, LONDON, N.15**

**REALLY GOOD  
REPEAT  
BUSINESS!**

That's the kind of line  
you want—and you've  
got it in Rheumagic.

Our Press and Cinema  
advertising pounds home  
its message.

Rheumagic is in demand  
and every bottle you  
sell leaves a satisfying  
discount behind. Stock  
it NOW.



# **Rheumagic**

Brand  
**FORMULA OILS**

8½d., 1/5 and 3/4½ per bottle (Inc. purchase tax)  
INTERNATIONAL LABORATORIES, CHARLBURY, OXFORD



**D . D . D**  
**PRESCRIPTION**  
FOR ALL  
**SKIN TROUBLES**

being a powerful Liquid antiseptic is ideal for  
First Aid Treatment of cuts, burns, scalds,  
scratches, and minor wounds. Consistent  
advertising in National Press results in con-  
sistent sales.

**D.D.D. COMPANY LTD.**  
3 Fleet Lane, E.C.4 Telephone: Central 2183

Living Profit Guaranteed 46 Years on the P.A.T.A.  
Awarded Certificate of Merit at the Tasmanian  
Exhibition, 1891

**KEARSLEY'S** (150 Years' Reputation)  
**WIDOW WELCH'S** Original  
**FEMALE PILLS**

**10d. BOX PROFIT** by ordering 1 dozen 2/10 size.  
Bonus box given on every dozen (13). It pays to  
push this size.

N.B.—These Pills do not contain any deleterious  
or prohibitive drugs, and can be sold with safety.

**C. & G. KEARSLEY, LTD.**  
71 DARTMOUTH RD., FOREST HILL, LONDON, S.E.23  
Established 1787 In the Reign of King George III



**BRAYDON ROAD LONDON N16**

# *The Natural Calcium Compound*



REGD.

'Calfos,' which is derived from natural sources, supplies calcium and phosphorus in a palatable, concentrated form which ensures absorption in the correct physiological ratio. It thus marks an advance in nutritional therapy of outstanding importance to all who suffer from calcium and phosphorus deficiency.

WIDELY ADVERTISED TO THE MEDICAL PROFESSION

## TRADE & RETAIL PRICES

	Face Price exclusive of Tax	TRADE PRICE per dozen	Purchase Tax per dozen	Minimum Retail Price including Purchase Tax
Box of 50 Tablets	2/6	20/-	3/4	2/9½
Box of 120 Tablets	4/9	38/-	6/4	5/3½
Box of 500 Tablets	12/6	100/-	16/8	13/11

DISPLAY CARD ON REQUEST

Supplies from your wholesaler or

## CALFOS LIMITED

IMPERIAL HOUSE, KINGSWAY, LONDON, W.C.2

Temple Bar 3629





# The CHEMIST AND DRUGGIST

## SUPPLEMENT

Supplement is in-  
cluded in every copy of  
the Chemist & Druggist

NOVEMBER 14  
1942

28 ESSEX STREET, LONDON, W.C.2

Advertisements in this supplement must be prepaid and should reach us not later than WEDNESDAY  
before the date of issue. Box Office numbers cost 1/-. Late advertisements will be held over to following week

### POWDER BOXES

#### 5 STYLES

Plain 1 oz. box 25/- per gross, 24/- 5 gross,  
22/6 10 gross or over.

Gold 1 oz. box with cellophane circle to show  
shades.

Attractive modern style 1 oz. box, covered  
in lovely paper.

White and Gold, hand-made 2 oz. box.

1/2 oz. Box.

Send 1/6 for 5 samples.

Talcum Powder Boxes, 4 sizes.

Send 1/6 for 4 samples.

BEALL, 38 Waterloo Street, Leicester

### OFFERED

Best French Chalk; Best White Talc; Zinc  
Oxide, B.P.; Finest Plaster of Paris; Creta  
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Stone Powder substitute; White Oils; Gum  
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substitute; Ceresine White, Spermaceti;  
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Cleanser (washing clothes without soap);  
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White Block Stearic and Powder; Raw  
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Decorated Tins. Boracic, Zinc, and Sulphur  
per gross. Carriage paid on 3 gross lots upwards  
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STOKES & CO. LIMITED, Wholesale  
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## FACE POWDER

First-class face powder, forceably sieved and  
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2 per doz., plus P.T. of 66 2/3%. Retails at  
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unobtainable from him write direct  
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orders of 2 Gross and Multiples of this  
standard parcels contain 2 gross) carriage  
paid. For sample orders of 4 oz. doz. please  
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Hall Rd., Manchester, 15. (Phone: Deansgate 4671/2)

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Messrs. M. J. FECHER Ltd.,  
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gratefully receive particulars  
of vacant premises of approx.  
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with another firm. Their  
present premises are required  
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**HARMAN DIETETIC LABORATORIES LTD.**  
109 Cricklewood Broadway  
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## JARS

Enquiries invited for ½ oz., 1 oz., and 2 oz., Plain Round Jars. 2½ oz. Panel Bottles. All with screw caps.

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## MARLENE PRODUCTS

*have pleasure in announcing  
that they can now supply*

## MASCARA

**IN NEAT BOX WITH BRUSH COMPARTMENT**  
(Black only—no brushes available)  
14/6 doz., plus 66½ Purchase Tax

## TALCUM POWDER

in cartons, 2 sizes 12/- & 14/6 a doz.  
plus 66½ Purchase Tax

ALL GOODS LABELLED AND SUPPLIED BY  
REGISTERED MANUFACTURERS

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KINGSBURY, N.W.9

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We Specialise in supplying: Kaolin, B.P. cwt.; Zinc Oxide, B.P., 65/- cwt.; Praecip., 27/6 cwt.; Zinc Stearate, 28 lb @ 2/6 lb.; Powdered Talc, 80 lb. bags each. Each of these packages requires sac extra, Returnable. Also:—Pulv. Gum T. canth, 10/6 lb.; Pulv. Gum Karaya, N. White, 5/6 lb. Concentrated Perfu. Spmaceti, etc., etc. Prompt Delivery Stock. Oil delivery, 14 days approx. S. Quantity Quotations on request. All Ca Paid, C.W.O. **THE FAYLENE MANUFACTURING CO., 15 Queen's Court, L. Briggate, LEEDS, 1.** Phone: Leeds 22594

## BRUSHLESS SHAVING CREAM

Supplied in 12 lb. Containers only at the following prices, including tax: 1 Container, 48/-; 2 Containers, 88/-; 4 Containers, £8. All Carr. C. W. O. Sample Jar, 6d. stamps.

**F. RAWSTRON, M.P.S.**  
315-317 Burnley Road, Waterfoot, Lar

**SOFT SOAPS.**—50/- cwt., carriage for immediate delivery. C.W.O.

**LIQUID SOAPS.**—Highly Concentrated, gallon, tax and carriage paid. 3 and 10 g drums only; 2/6 and 10/- charged respectively. Returnable.

**Amrose, 5 Leeside Crescent, Golders Green, N.**

## Highly Concentrated Laundry Starch Substitute

Each packet sufficient to make 3 pints of thick starch substitute liquid enough for 4 average laundry days

**CONTAINS NO HARMFUL  
INGREDIENTS**

*Is 4 times more concentrated  
than ordinary starch*

**Price 8/6 PER DOZEN  
PACKETS**

*Carriage paid on 6 dozen upwards*

**TERMS NET CASH WITH ORDER**

FROM

**SIR JOHN PRATT & CO**  
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## SITUATIONS WANTED

for 18 words or less, 1d. for every additional word.

### RETAIL (HOME)

Y (45), Dispenser or Assistant or Manageress of Drug Stores; highest references. Small furnished Flat or House if possible, inclusive of y. Johnson, 24 Lower Park Road, Hastings.

### WHOLESALE

CTOR, ex-pharmacist, can undertake part-time work for ethical firm. South Wales area. 361, London Office of this Paper.

ST-CLASS Representative, 44, covering South West England and South Wales, 7 years, desirous of proprietary on commission basis. 1144, London Office of this Paper.

DICAL Representative, Twenty years' experience ethical propaganda. Over military age. Best references. 417/333, London Office of this Paper.

QUALIFIED, exempt, 12 years Retail experience, desires post with established firm as representative in London area, or responsible post Wholesale manufacturers. 417/348, London Office of this Paper.

QUALIFIED Assistant (Irish, exempt), 20 years' experience (10 charge hand), free January 1943, seeks good position, excellent references. 411/59, London Office of this Paper.

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LSAC, any quantity purchased up to 100 lbs. weight. Cash waiting. Apply 417/351, London Office of this Paper.

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REQUIRED in large or small quantities one and two drachm bottles suitable for perfume; cardboard boxes (large and small) suitable for drug. 418/358, London Office of this Paper.

UNITED Chemists Association Limited are buyers of Oil of Dill, Oil of Caraway, and other Essential Oils. Offers invited. Good prices paid for authentic goods. Ucal Works, Cheltenham.

ANTED by England's largest photographic dealers. All Miniature Cameras, extra lenses and accessories. Rolleiflex, Leica, Contax, Ikontas, also Microscopes and Cine Projectors. Highest prices guaranteed. Wallace Heaton, Ltd., 127 New Street, W.1.

ANTED. Full and Half Strength Saccharin Tablets. Large quantities bought for cash or commission paid for genuine recommendations. H. Smith, 34 Greenfield Gardens, Cricklewood, E. London, N.W.2. Phone No.: Gladstone 4116.

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IRPLUS Stock. For Sale, 17 boxes of 4,000 each, gummed backed empty envelopes, for 100 half-length envelopes at 5s. per thousand. Part or whole. Garden Pharmacy, Ltd., 50 Greatorex Street, E.1.

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7/6 for 40 words or less, 2d. for every additional word.

BRANCH Pharmacy for disposal. Situate in West Riding village. Takings £25-£30 per week. Little N.H.I. Good shop fittings and well stocked. Would suit elderly pharmacist. Will accept £500. CDB/1162, London Office of this Paper.

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WELL-ESTABLISHED Pharmacy in S.W. Coastal reception area; may be rented with or without living accommodation, or purchase of entire freehold premises considered. Excellent prospects; sound reasons for selling. CDB/1158, London Office of this Paper.

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FOR Sale, Tablet Machine, Type 11B, new May 1941, perfect condition, seen running by appointment. 417/352, London Office of this Paper.

GUM acacia 14 lb. at 2s. 9d. per lb.; 28 lb. at 2s. 6d. per lb. Carriage paid. Sample with pleasure from Cumming Parsons, Ltd., St. Mary Street Distillery, Collyhurst, Manchester, 9.

HAIR Grips, 10s. 6d. per gross. Also smashing formula for Vanishing Cream, 5s. Longford Pharmacy, Stretford.

SECOND-HAND Microscopes. A large selection; instruments for all purposes, best makers; faultless condition; 3d. stamp for List. Chards, Specialists, Forest Hill, London, S.E.23.

90 LBS. Beeswax (yellow) needs refining 2s. per lb., 1 oz. tubes, suitable for almost any preparation. Makes an elegant pack. 34s. per gross carriage paid, boxes free. Few 1 oz. pots s/c 30s. per gross c.f. —Taylor, 1 Calico Street, Blackburn.

WE are disposing of our stocks of the following in odd lots: Pomades, 1 oz., 33s. gross; ½ oz., 25s. gross; medicals, 1 oz., 23s. 6d. gross. All with metal screw caps. Toilet Bottles, round ½ oz., bakelite caps, 29s. gross; carriage paid; cash with order. Immediate delivery. Tatford, M.P.S., 95 Hayling Avenue, Portsmouth.

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ADVERTISER requires services of Factory, with Bottle-filling Machinery, prepared to undertake contract. Box K 2618, c/o W. H. Smith & Son, Ltd., Manchester, 3.

ADVERTISER would like to contact manufacturer making or willing to make dulcin and saccharin in mixture sweetening tablets, large quantities taken for cash. 418/359, London Office of this Paper.

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Will our customers please note that owing to reorganisation we have been compelled to delay dispatch of orders. These will be dealt with in strict rotation and we hope to revert to our normal routine within a very short time.

**HARMAN DIETETIC LABORATORIES LTD.**  
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## JARS

Enquiries invited for  $\frac{1}{2}$  oz., 1 oz., and 2 oz., Plain Round Jars.  $2\frac{1}{2}$  oz. Panel Bottles. All with screw caps.

**H. S. BOTTLE CO.**  
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*have pleasure in announcing  
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in cartons, 2 sizes 12/- & 14/6 a doz.  
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ALL GOODS LABELLED AND SUPPLIED BY  
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Cash with order. C.O.D. or pro forma

## MARLENE PRODUCTS

18 WALTHAM AVENUE  
KINGSBURY, N.W.9

## TO MANUFACTURING CHEMISTS AND PHARMACISTS

We Specialise in supplying: Kaolin, B.P., cwt.; Zinc Oxide, B.P., 65/- cwt.; C. Praecip., 27/6 cwt.; Zinc Stearate, 28 lb. @ 2/6 lb.; Powdered Talc, 80 lb. bags, each. Each of these packages requires sack, extra, Returnable. Also:—Pulv. Gum Tragacanth, 10/6 lb.; Pulv. Gum Karaya, No. White, 5/6 lb. Concentrated Perfum. Spermaceti, etc., etc. Prompt Delivery for Stock. Oil delivery, 14 days approx. Special Quantity Quotations on request. All Carr. Paid. C.W.O. **THE FAYLENE MANUFACTURING CO., 15 Queen's Court, Levensall, Briggate, LEEDS, I.** Phone: Leeds 22594.

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**F. RAWSTRON, M.P.S.**  
315-317 Burnley Road, Waterfoot, Lancs.

SOFT SOAPS.—50/- cwt., carriage for immediate delivery. C.W.O.

LIQUID SOAPS.—Highly Concentrated, 1 gallon, tax and carriage paid. 3 and 10 gal. drums only; 2/6 and 10/- charged respectively. Returnable.

Ambrose, 5 Leaside Crescent, Golders Green, N.W.

## Highly Concentrated Laundry Starch Substitute

Each packet sufficient to make 3 pint of thick starch substitute liquid—enough for 4 average laundry days

CONTAINS NO HARMFUL  
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Is 4 times more concentrated  
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Price 8/6 PER DOZEN  
PACKETS

Carriage paid on 6 dozen upwards

TERMS NET CASH WITH ORDER

FROM

**SIR JOHN PRATT & CO.**  
89 Forset Court, Edgware Road  
LONDON, W.2



## SITUATIONS OPEN

7/6 for 40 words or less. 2d. for every additional word.

## Employment of Women (Control of Engagement) Order 1942

With certain exceptions, women over 18 and under 31 years of age seeking Employment and Employers seeking to engage such women are now required to do so only through the local office of the Ministry of Labour and National Service or an approved employment agency.

## RETAIL (HOME)

**L**ONDON Co-operative Society, Ltd., invite applications from Qualified Pharmacists, male or female, for progressive positions in the London area. Apply, Pharmacy Manager, 54 Maryland Street, Stratford, London, E.15.

**M**ANAGER to take charge West London Pharmacy. Exempt military service. Permanency. Apply "A," 416/307, London Office of this Paper.

**M**ANSFIELD. Qualified Chemist required for good-class Pharmacy. Permanent position; good salary. Apply, with full particulars, to H. Allsopp, "Robin Crest," Croft Avenue, Mansfield, Notts.

**M.P.S.** required West-end Pharmacy. Would suit elderly man. Supervisory duties only. Also part-time M.P.S. required. 416/298, London Office of this Paper.

**P**HARMACIST.—Lady or gentleman to manage small branch in safe area in Somerset. Excellent living accommodation. Apply, stating age, experience, salary required to, Deacon, Square, Bridgwater.

**Q**UALIFIED Chemist required (male or female) to manage shop. Permanent position and comfortable good salary. Please apply, with full particulars to Denaby Main Industrial Co-operative Society Limited, Denaby Main, Nr. Doncaster.

**Q**UALIFIED Chemist required for high-class Business in South-west England. Must be exempt. Good salary and exceptional prospects for right man, especially if experienced with photographs. Apply, giving full particulars to CDB/1156, London Office of this Paper.

**S**OUTH OF ENGLAND. Managers, male or female, required for branches at Brighton, Windsor, Dartford, Dorking, Evesham, Worcester, Isle of Wight, Torquay, Uxbridge, Sutton, Farnborough, Grantham, Southampton and other districts. Good salaries, commission. Apply, giving full particulars, to Retail Drug Department, Timothy Whites & Taylors, Ltd., 70 Vauxhall Bridge Road, S.W.1.

**T**AYLORS BRITISH CHEMISTS will shortly have vacancies for Qualified Managers and Assistants, male or female, in Birmingham and Midlands, Leeds, Houghton-le-Springs, Birkenhead, Whitby, Retford, Liverpool, Darlington, Wheatley Hill, Goldthorpe, Driffield, Sunderland. Apply, Retail Staff Department, Burley Hill, Leeds, 4.

**U**NQUALIFIED Lady Assistant required. Good-class family business. No dispensing or duties. Please give full particulars, salary, etc., to Price, J. Noble & Co., 34 Woodcote Road, Wallington, Surrey.

**W**ANTED, Active Competent Assistant for good-class country business. No N.H.I. dispensing. No Sunday or holiday duty; quiet area. Apply H. Meynell, Tenterden, Kent.

## WHOLESALE

**A**SSISTANT Manufacturing Chemist wanted, in West Lancashire town, capable of taking control of Tablet Dept. Good general knowledge of the Chemical and Pharmaceutical industry essential. Remuneration by agreement. Full details of experience, references, etc., in strict confidence. Excellent prospects for keen, enthusiastic worker. 417/326, London Office of this Paper.

**E**SSENCE Manufacturer requires Laboratory Manager or Assistant, North London area. 417/328, London Office of this Paper.

**E**XPERIENCED Granulator required for Medicinal Tablet and Pill Department of Manufacturing Chemists near London. Must be exempt from military service. Apply giving details of age, experience, and wage required, to CDB/1160, London Office of this Paper.

**F**ULL-TIME Representatives required to call on Chemists, wholesale and retail, with nationally advertised lines. Salary, commission and expenses. Permanency. Details of past experience, salary required, territory covered. Letters only. Emmet Distributing Co., Ltd., 7 Park Lane, London, W.1.

**G**ENERAL Manager required, accustomed to supervising staff and with experience in a Wholesale Chemists' House. CDB/1161, London Office of this Paper.

**N**EW SALES ORGANISATION formed for the purpose of distribution and selling of merchandise to the chemist and allied trades throughout the U.K., requires representatives in all parts, on a commission basis as a start. Later salary, commission and expenses will be offered. Other lines not objected to at the commencement. Promise of two Nationally Advertised lines for a start, and others, some locally advertised, some not advertised but in demand. The organisation is run by people who know the job of marketing, distribution and selling and with many contacts throughout the country. CDB/1163, London Office of this Paper.

**P**HARMACISTS required by Manufacturing Chemists for various duties: (1) Laboratory, (2) Assistant to General Manager, (3) Assistant to Superintendent, (4) Purchasing Department. Those interested are invited to give full details of career, and indicate the section for which they are applying. 417/347, London Office of this Paper.

**PROCESS MAN** with wide experience of TABLET MAKING, required for a position with a Company of high repute. The position offers exceptional opportunities to a man of experience and initiative. In your reply please give details of age, experience and salary expected. 417/337, London Office of this Paper.

**Q**UALIFIED Chemist required, not liable to military service, with knowledge and experience of Dangerous Drugs Act regulations, for the dangerous drugs department of a well known Northern firm of manufacturing chemists. Permanent position offered to suitable applicant. Write, stating age, experience and salary required, 418/357, London Office of this Paper.

**R**EPRESENTATIVES required on commission basis, calling on chemists in Midlands, London and Home Counties, and Eastern and North-Eastern areas, to sell proprietary cold mixture, and cough mixture in plentiful supply. Chemists only. Apply, 418/360, London Office of this Paper.

**R**EPRESENTATIVES for London area, South England area, South Wales area, East Coast south of Hull, part Yorkshire. Apply The "Red Band" Chemical Co., Ltd., Richmond Terrace, Edinburgh.

**R**EQUIRED for duration of war, Production Chemist and Works Manager by large Manufacturing Chemists near London. Must be exempt military service, able to control staff and superintend all processes of pill and tablet making on large scale. Write with full details of previous experience, age, and salary required, to 417/349, London Office of this Paper.

**T**ABLET Maker required for North London Manufacturing Chemists. Write stating age, salary, and experience, to 417/346, London Office of this Paper.

**W**ILLIAM RANSOM & SON, LTD., HITCHIN, require Laboratory Assistant with knowledge of pharmaceutical analysis and research. Reply, stating age, previous experience, qualifications and salary required.

**W**ELL-KNOWN company manufacturing leading Proprietary toilet and medicinal products, requires first-class Representative for Yorkshire area. Applicants must be exempt military service and should be prepared to reside in territory. Car owner preferred. State age, experience and salary required to 417/353, London Office of this Paper.

**W**ORKS Chemist wanted by Manufacturers of coal-tar Disinfectants, etc. Experience in batch manufacture of such preparations necessary. State age, previous experience, copies references to 418/355, London Office of this Paper.

## APPOINTMENTS

COUNTY COUNCIL HOSPITAL  
HEREFORD

## APPOINTMENT OF PHARMACIST

Applications are invited from duly qualified men or women for the Temporary Post (i.e. during the absence of the present occupant of the post on War Service) of Pharmacist at the above Hospital.

The post is non-resident and carries a commencing salary in the neighbourhood of £250 per annum rising, subject to satisfactory service, by increments of £15 per annum to a maximum of £337 5s., plus meals whilst on duty and plus cost of living bonus according to the County Council's scale for the time being.

Applications giving particulars of qualifications and previous experience should be sent to the Medical Superintendent, County Council Hospital, Hereford, as soon as possible.

ESSEX COUNTY HOSPITAL  
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Applications are invited for the following posts:

(i) Chief Dispenser, male or female. Hall qualification. Experience in Hospital Dispensing essential. Commencing salary £200 p.a. with lunch and tea. Superannuation Scheme in force.

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**A**GENCY wanted. Keen man discharged Army has sound personal connexion wholesale and retail, Yorkshire and Northern England. Inman, 19 Falkland Rise, Leeds, 7.

**A**GENTS, well connected with Chemists, wanted for the following districts: Manchester, Liverpool, Sheffield, Birmingham, Cardiff, Swansea, Leeds, Newcastle on Tyne, Leicester, Coventry, Bradford, Hull, Nottingham. Commission basis only. 417/350, London Office of this Paper.

**W**ELL advertised and long established Tonic Preparation sold by chemists throughout the country, still has a few territories vacant for representatives on a good commission basis. No objection to other lines. Box No. 10, Wilcox & Co., Ltd., 110 Fleet Street, London, E.C.4.

**ROUGE BLOCKS** Easily Prepared, guaranteed results. Mould 12 x 1½ in., Formula, sufficient Colour and Excipient for 16 doz., £2. 32 doz., £2 11s.

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**CHEMISTS! SEE THAT YOUR CUSTOMERS**  
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Millions of empty tubes will provide tons of lead and tin for munitions. You can see that every possible tube—shaving cream, toothpaste, ointment, paint—is collected for this vital purpose.

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1. Put it out for collection by a Local Authority, or hand it to a Local Authority Depot.
2. Or sell it to a Merchant.
3. **SPECIAL COLLECTIONS** of amounts over **ONE TON** may be obtained by getting in touch with the nearest Demolition & Recovery Officer. If you don't know his name, write to The Ministry of Works and Planning, Lambeth Bridge House, London, S.E.1.

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**LARGE SIZE**  
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**BONUS TERMS.** One box on each dozen small boxes  
Also assorted sizes equivalent to retail value of one dozen small

*These terms are not applicable in Eire*

**ALL WHOLESALERS CAN SUPPLY**

*If you have difficulty in obtaining supplies get into direct contact with*

# BRITISH FELSOL COMPANY LTD

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